Petroleum and Natural Gas Regulatory Board

Tower-E, 4th Floor (E-400), NBCC WTC, Nauroji Nagar, New Delhi- 110029

PNGRB/Auth/3-PPPL(27)/2025 (E-5972) **12th October, 2026**

Public Notice

The Petroleum and Natural Gas Regulatory Board (PNGRB) has received an application from M/s Deepak Chem Tech Limited (DCTL) under Regulation 19(2) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010 seeking acceptance to Lay, Build, Operate or Expand a dedicated Ethylene pipeline from Reliance Industries Limited's Dahej Manufacturing Division (RIL-DMD) to DCTL's upcoming plant at Dahej, Gujarat. The details of the proposed pipeline as submitted by DCTL are mentioned herewith: -

Length	14.729 km
Diameter	4 inch
Capacity	17.52 TMTPA (2000 Kg/hr)
Product	Ethylene
Starting Point	RIL's Dahej Manufacturing Division (DMD) in Dahej, GIDC Phase-II in Taluka-Vagra, Bharuch, Gujarat
Termination Point	DCTL's upcoming plant in Dahej GIDC Phase-II in Taluka-Vagra, Bharuch, Gujarat

A copy of the application submitted by DCTL is enclosed as **Annexure-1**.

In terms of Regulation 19(2) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010, PNGRB invites comments/views from the general public to ascertain whether, instead of a dedicated pipeline, the public interest would be better served if a petroleum and petroleum products pipeline is laid, built, operated or expanded.

Comments/views, if any, may be submitted within 15 days from the date of publication of this Public Notice in the prescribed format (enclosed as **Annexure-2)** to the Secretary, PNGRB, either by e-mail at **secretary@pngrb.gov.in** with the subject "**Comments on the proposed dedicated Ethylene pipeline from Reliance Industries Limited's Dahej Manufacturing Division (RIL-DMD) to Deepak Chem Tech Limited, Dahej, Gujarat under Regulation 19(2) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010**", or by post at the address mentioned above.

Secretary

Annexure-1

9th June 2026

Chairperson,
Petroleum & Natural Gas Regulatory Board,
E-400, 4th Floor, Tower-E, World Trade Center,
Nauroji Nagar,
New Delhi – 110029

Subject:	Proposal for dedicated Ethylene pipeline from Reliance Industries Ltd, Dahej (DMD) to Deepak Chem Tech Ltd
Reference:	Authorisation under Regulation 19(2) of Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010.

Dear sir,

This has reference to your letter no. PNGRB/AUTH/3-PPPL (27)/2025 (E-5972) dated 30th Sept 2025 regarding minutes of open house discussion held on 15.9.2025 and subsequent E.mail correspondence.
Our application was processed at that time for the grant of authorisation. However, we opted to wait till pipeline route finalisation. We hereby submit our proposal with updated pipeline route:

1) This will be 14.729 km long 4"Ø API 5L 3LP Pipeline for the transportation of Ethylene from Reliance Industries Ltd, Dahej to Deepak Chem Tech Limited (DCTL), Dahej.
2) Pipeline will be laid, operated and maintained by Deepak Chem Tech Limited (DCTL).
3) Pipeline is designed for 2000 Kg/hr ethylene flow rate, considering requirement in future. Initially we have plan to operate at 800 Kg/hr flow rate.
4) The route has been identified based on the feasibility to lay Pipeline within Dahej GIDC corridor.
5) Based on our submission, Petroleum & Explosives Safety Organisation (PESO) have granted the Prior approval to lay the pipeline.

DEEPAK CHEM TECH LIMITED
CIN: U24290GJ2020PLC117177
Registered & Corporate Office:
1st Floor, Fermenter House, Alembic City, Alembic Avenue Road, Vadodara – 390 003, Gujarat, India.
Tel: +91 265 276 5200 /276 5500
Email : investor.dctl@godeepak.com
www.godeepak.com

Following documents regarding referred pipeline are attached

1) Pipeline route map (A2 size)
2) Pipeline Goggle map (A2 size)
3) Feasibility report of the pipeline
4) Schematic Diagram of pipeline. (A1 size)
5) Prior approval from Petroleum & Explosives Safety Organisation (PESO).
6) Agreement with Reliance Industries Ltd for Ethylene supply.
7) P&ID at supplier and receiver ends.

Hope you will find the same in order.

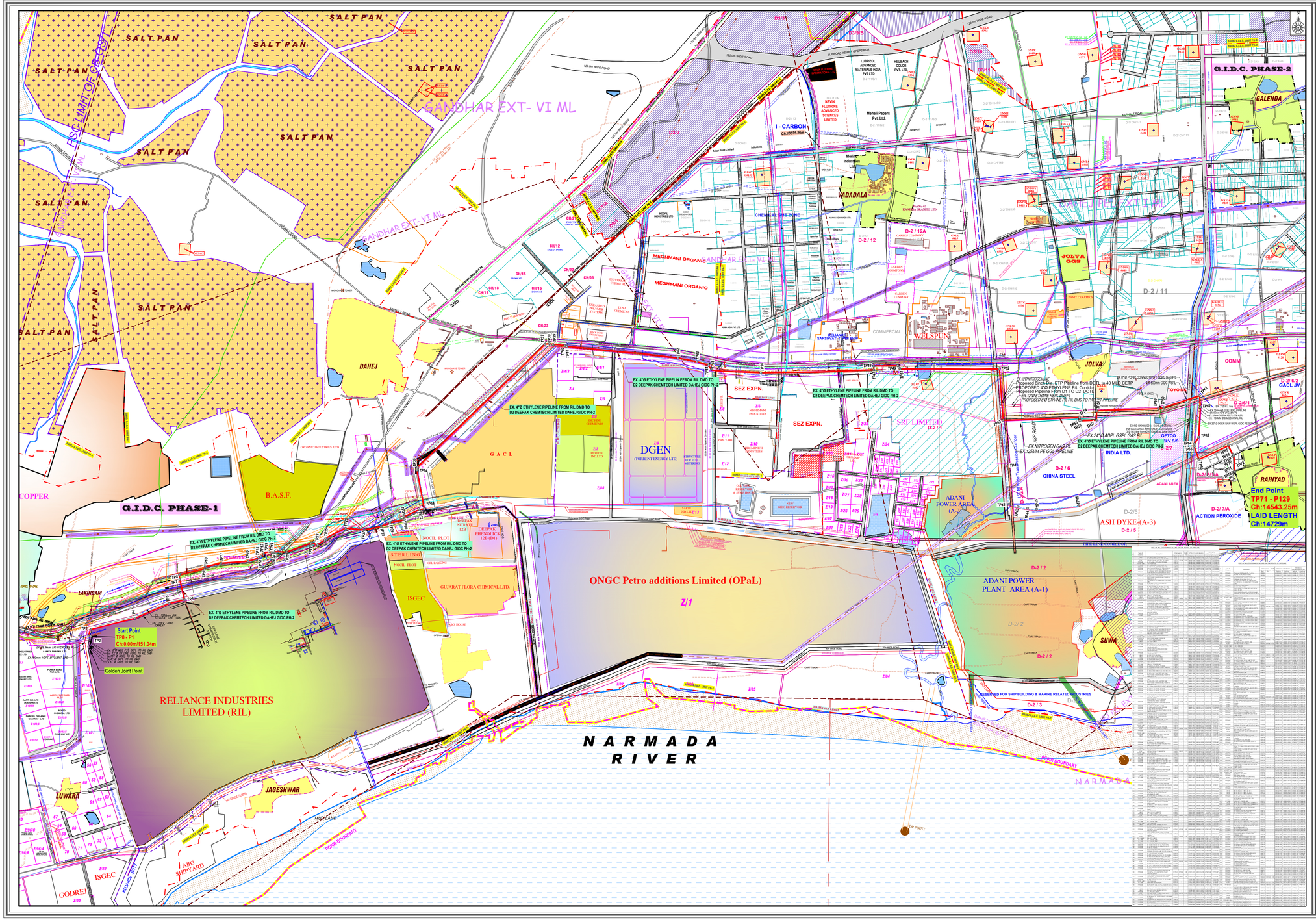
Kindly accept our proposal and grant us the authorisation for the dedicated Ethylene pipeline.

Thanking you,

Yours faithfully,
For Deepak Chem Tech Ltd

(Authorised signatory)

Contact person:
Shailesh Raval
(M) 9429198186
E.Mail : sbraval@godeepak.com



SURVEYED & PREPARED BY :- DESHPANDE - PATIL CONSULTANTS, BHARUCH.

ROUTE MAP

DETAILED ROUTE SURVEY FOR 4"Ø ETHYLENE PIPELINE FROM RIL DMD TO D2 DEEPAK CHEMTECH LIMITED - DAHEJ GIDC PH-2

TP STATEMENT:-

TP NO.	CHAINAGE	TP NO.	CHAINAGE
TP0	0	TP37	6177.3
TP1	4.85	TP38	6221.74
TP2	9.77	TP39	6253.25
TP3	15.97	TP40	6382.08
TP4	486.98	TP41	6404.98
TP5	854.79	TP42	7524.98
TP6	1132.21	TP43	7721.63
TP7	1271.5	TP44	7844.03
TP8	1317.7	TP45	7905.16
TP9	1578.09	TP46	8397.58
TP10	1586.57	TP47	9532.97
TP11	1751.51	TP48	9572.38
TP12	2022.89	TP49	9812.81
TP13	2138.23	TP50	9836.32
TP14	2146.2	TP51	9853.33
TP15	2176.59	TP52	10752.24
TP16	2210.21	TP53	11239.92
TP17	2233.64	TP54	12008.96
TP18	2274.82	TP55	12057.92
TP19	2311.89	TP56	12080
TP20	2327.44	TP57	12220.49
TP21	2451.35	TP58	12299.16
TP22	2713.75	TP59	12993.73
TP23	2782.13	TP60	13058.57
TP24	2872.97	TP61	13364.37
TP25	2892.97	TP62	13424.22
TP26	3154.62	TP63	13727.61
TP27	3300.63	TP64	13805.76
TP28	3473.65	TP65	13828.87
TP29	3547.11	TP66	13980.03
TP30	3719.4	TP67	14262.22
TP31	3740.9	TP68	14360.01
TP32	3907.59	TP69	14365.67
TP33	3954.51	TP70	14384.37
TP34	4364.09	TP71	14543.25
TP35	4375		
TP36	4399.62		

LENGTH STATEMENT

SR. NO.	DESCRIPTION	SYMBOL	Length (km)
1	EX. 4"Ø ETHYLENE PIPELINE CORRIDOR FROM RIL DMD TO DEEPAK CHEM TECH LIMITED (D2) AT DAHEJ GIDC PH-2 (AS PER LINE LAID)	(a)	14.543 (a) 14.729
		(b)	(b) 0.151
	TOTAL LENGTH	(a+b)	(a+b)14.880

No.	Date	Revision	Prepared by	Checked by	Approved by
0D	16.05.26	EXISTING ROUTE INCORPORATED	VAHID	P.R.S.	M.N.D.
0C	20.01.25	ROUTE REVISED VIA. JOLVA VILLAGE	YASHVINI	P.R.S.	M.N.D.
0B	10.04.24	PLOT PLAN ROUTE MARKING	HEMAXI	P.R.S.	M.N.D.
0A	18.03.24	ISSUED FOR APPROVAL	RADHIKA	P.R.S.	M.N.D.

CLIENT :- Deepak Chem Tech Ltd.
(Formerly Known as Deepak Clean Tech Limited)
Plot No. D-186/1 And D-186/1A , Dahej-II Industrial Estate, Dahej,
Rahiyad Village, Bharuch, Gujarat, 392130 - INDIA

PROJECT :- ROUTE SURVEY FOR 4"Ø ETHYLENE PIPELINE CORRIDOR FROM RIL DMD TO DEEPAK CHEM TECH LIMITED (D2) AT DAHEJ GIDC PH-2

SECTION :- From RIL DMD To Deepak Chem Tech Limited (D2)

TITLE :- ROUTE MAP

Surveyed & Prepared by :-
DESHPANDE - PATIL CONSULTANTS
(Since 1988 ... Survey of yesterday ... Nation Today)
LAND / TOPOGRAPHIC SURVEYS, PIPELINE SURVEY, GPR SURVEY, SOIL INVESTIGATION, ROU & STATUTORY CLEARANCES)
CORPORATE OFFICE: 36, "SNEHSADAN," AJANTA NAGAR, BHARUCH - 392 001.(GUJ).
BASE CAMP : 26, MAHAVIR NAGAR, NR. SAI GANESH TEMPLE, BHARUCH - 392 001, GUJARAT
Phone : (02642) 250502,Fax No. (02642) 250503, E-mail : dpcsurvey@yahoo.com,dpcsurvey76@gmail.com

Scale	Job No.	Drawing / Document No.	Sheet	Rev.
1 : 20000	DPC/DCTL/24	DPC-DAHEJ-DCTL- RM-01	1 of 1	0D


Shree Tirupati Courier Service pvt
Indofil Industries Limited (U-3)
Vadadla
GFL 2
Gale
Dahej
Jolva
Rahiyad
ONGC Petro Additions Limited
Lakhigam
Ambetha
IPCL (Reliance)
Suva
Hanuma
Maa Narmada View Surat station Katrina dudepoint
The Sea
Luvara
Jageshwar
2925 m
Image © 2026 Airbus
© 2026 Google
Google Earth

Report No.: DPC-DCTL-ETHYLENE-DSR_0C

FINAL COPY: Jan-24

Deepak Chem Tech Ltd.

(Formerly Known as Deepak Clean Tech Limited)
Plot no. D-II/6/1 and D-II/6/1/A,Dahej II Industrial Estate, Dahej,
Rahiyad Village, Bharuch, Gujarat, India

PROJECT

Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)



DETAILED FEASIBILITY & SURVEY REPORT

DESHPANDE-PATIL CONSULTANTS

(.... Since 1988 - Survey of pipelines ... Nations lifelines)

(LAND / TOPOGRAPHIC SURVEYS, PIPELINE SURVEY, GPR SURVEY, SOIL INVESTIGATION, ROU & STATUTORY CLEARANCES)

CORPORATE OFFICE:

36," Sheshachal", Ajanta Nagar, BHARUCH - 392001 (Guj.)

Base Camp: 26, Mahavir Nagar, Nr. Sai Ganesh Temple, Bharuch-392001, Gujarat

Phone No.: (02642) 250052 Fax No. (02642) 250052

E-mail :dpcsurvey@yahoo.com, dpcsurvey36@gmail.com

ISO 9001:2015
75786/A/0001/UK/En

Deepak Chem Tech Ltd.

(Formerly Known as Deepak Clean Tech Limited)
Plot no. D-II/6/1 and D-II/6/1/A, Dahej II Industrial Estate, Dahej, Rahiyad Village, Bharuch, Gujarat, India

Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)

DETAILED FEASIBILITY & SURVEY REPORT

1. INTRODUCTION:

Deepak Chem Tech Ltd (DCTL) has plan to set up MEA manufacturing unit at Plot No. D-2/6/1/A in Dahej GIDC Phase-II in Taluka- Vagra, Dist.-Bharuch in Gujarat state.

Ethylene is one of the major raw materials for MEA Manufacturing. DCTL has made an agreement with Reliance Industries Limited, Dahej (RIL DMD) for the supply of ethylene. For a consistent supply, DCTL intends to lay dedicated Pipeline for the same.

The Pipeline route takes off from Ethylene Compressor Station located at Reliance Industries Limited (RIL DMD) in Dahej GIDC Phase-II in Taluka- Vagra, Bharuch Dist. of Gujarat state (Co- ordinates: Easting(X) – 247137.8348m, Northing(Y) – 2400322.2768m).

The Pipeline route ends at Deepak Chem Tech Limited(D2) located in Dahej GIDC Phase -II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting(X) - 258666.1103m, Northing(Y) – 2401882.6736m).

Feasibility:

This report covers the Detailed Feasibility and Survey for the proposed 4" diameter Ethylene pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL), covering a total length of about 14.729 km.

The pipeline route has been identified based on engineering feasibility and geographical constraints within the Dahej GIDC corridor. A detailed survey has been conducted accordingly for the finalized alignment.

The pipeline will be constructed in accordance with applicable engineering standards. The Material of Construction (MOC) is API 5L Grade X42 PSL1, with 3-Layer Polyethylene (3LP) coating for corrosion protection and suitability for high-pressure gas service.

DCTL peak demand of ethylene will be 800 kg/hr for this manufacturing plant. However, considering the requirement in future it is proposed to design the pipeline for 2000 Kg/hr ethylene flow rate.

Reliance is ready to supply this quantity of ethylene and have made agreement with DCTL in that regard. The ethylene will be delivered in vapor phase at a pressure of 30–32 kg/cm² and a temperature of 30–35°C.

2. TAP-OFF / TERMINAL LOCATIONS:

Reliance Industries Limited (RIL DMD):

The Pipeline route takes off from Reliance Industries Limited (RIL DMD) in Dahej GIDC Phase-II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co- ordinates: - Easting(X) – 247137.8348m, Northing(Y) – 2400322.2768m).

Deepak Chem Tech Limited (D2):

The Pipeline route ends at Deepak Chem Tech Limited(D2) located in Dahej GIDC Phase-II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting(X) - 258666.1103m, Northing(Y) – 2401882.6736m).

3. METHODOLOGY:

Alignment Survey using Total Station:

After approval from EIC the alignment survey along with detailed engineering survey for the pipeline route is carried out to stake the pipeline alignment on the ground.

The alignment is carried out by ranging on ground with the help of total station.
Methodology for alignment survey:

The alignment survey is done along the proposed pipeline route approved by the EIC.

The Turning Points (TP) and Intermediate Points (IP) are located by the surveyor and care was taken to provide minimum TPs as possible.

Care is taken to cross major crossings with right angle and also for crossings which require HDD. Care is taken that preceding and subsequent TPs are placed at minimum distance equal to the width of the crossing from edge of the ROW of crossing.

Also, care is taken to avoid waterlogged areas, marshy areas, ponds, site prone to flooding etc. Care is taken that Pipeline route does not pass through CRZ area.

The detailed route survey covers picking up all relevant site data 15 m on both side of the centre line of the Proposed Pipeline route.

The elevation along the Pipeline route is taken at every 25 m Interval.

4. EXECUTIVE SUMMARY:

Proposed Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL) has Total length of about 14.729 km.

The proposed Pipeline takes off from boundary wall of Reliance Industries Limited (RIL DMD) in Dahej GIDC Phase-I in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: – 247137.8348m, Northing(Y) – 2400322.2768m), it crosses 80m wide GIDC Road (Gulf of Khambhat to Dahej) and 50m wide GIDC Corridor

From ch:0.12km, the Pipeline lies within 70m wide GIDC Corridor & GIDC Land for 1.08km length on North of RIL DMD(refer stretches 3-4), it crosses 30m wide Asphalt Road(to Dahej) and 20m wide GIDC Corridor((refer stretches 4-5 & 5-6).The Pipeline lies within 35m wide GIDC Corridor and 50m wide GIDC Corridor for 0.03km and 0.55km length respectively and it passes through GIDC land from ch:1.32km to ch:1.58km for 0.26km length (refer stretches 6-7 & 7-8).The Pipeline route crosses 80m wide GIDC Road(Gulf of Khambhat to Dahej) and it lies within GIDC Land Limit for 0.180km length adjacent to sterling.

The Pipeline route crosses 20m wide GIDC Road (To Ambheta Village) and 50m wide GIDC Pipeline Corridor and is passes within GIDC land from ch:2.51km to ch:2.65km for 0.14km length and it lies within 135m wide GIDC Power Corridor for 0.104km length up to ch:2.88km. From ch:2.89km, the Pipeline route follows North-East direction, and it lies within ROW of 80m wide GIDC Road (Gulf of Khambhat to Dahej) for 2.15km length, the Pipeline route lies within various GIDC corridors for 0.20km, 1.46km and 1.19km length respectively up to ch:7.91km.

The Pipeline crosses 30m wide GIDC Road & 20m wide GIDC Utility Corridor adjacent to Linde India Ltd., the Pipeline route lies within 85m wide GIDC Corridor for 1.59km length, it crosses 30m wide GIDC Road(to GIDC) and lies within 30m wide GIDC Road from ch:10.08km to ch:11.94km for 1.85km length where it passes through Jolva Gram Panchayat Limit from ch:10.85km to ch:11.14km for 0.29km length.

The Pipeline route lies within 30m wide GIDC Corridor from ch:11.94km to ch:12.06km for 0.12km length, the Pipeline on South of Toyo Ink, the Pipeline route crosses 45m wide GIDC Road(to SH-6) and 105m wide GIDC Corridor at ch:12.06km and at ch:12.12km respectively, it lies within 105m wide GIDC Corridor from ch:12.21km to ch:12.82km for 0.61km length and it lies within premises of Deepak Chem Tech Limited(DCTL) (Plot No.D-2/6/1/A) from ch:12.82km to ch:13.39km for 0.57km length to terminate at Deepak Chem Tech Limited(D2) located in Dahej GIDC Phase-II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting(X) - 258673.1146m, Northing(Y) – 2401881.0617m)(refer Annexure-III).

The Pipeline route crosses 22-Other Roads,4-Cart Tracks, 6-Drains/Nalas, 201-Pipelines (Water / Gas / Oil / Effluent / Product),33-Power Lines/H.T. Lines,7-Corridors, 16-Cables and 4-Conveyor Belts (Refer Annexures-V(A),
(B) & (C)).

The Pipeline passes through PDI class-I for 2.20km length, class-II for 9.6km length & class-III for 1.6km length (Refer Annexures-VI(A-C)).

The Pipeline route passes through social forest land for 41.60m length for 1m wide Rou. Area computed in social forest land is 12. 48sq.m i.e. 0.0012Ha (Refer Annexure-VII).

Terrain along the proposed route of the Pipeline is flat for its total length.

Elevation above MSL at Start Point (at boundary of RIL DMD) is 8.332m & at End Point (at Deepak Chem Tech Limited (DCTL) (Plot No. D-2/6/1/A)) is 6.56m. The highest elevation is 9.18m at Ch: 2.9km at crossing of Asphalt Road & the lowest elevation is 4.637m at Ch:9.54km at crossing of Lined Drain.

Since the pipeline is to be laid within GIDC area of Dahej which is highly industrialized, NOC/Permission has to be obtained from various statutory authorities (Refer Annexure-VIII).

The statutory cost for various clearances required for proposed pipeline is presented as Annexures – IX (A & B). The total estimated Statutory Cost is worked out to be `7.09Crore where Annual rent is `0.34Crore, non-refundable charges including Processing fees/supervision charges/ administrative charges/Insurance is `3.20Crore & Refundable Deposit is `3.55Crore. While estimating Statutory Cost prevailing Statutory fees for various authorities have been considered.
Soil along entire route is Normal type black cotton soil and some portion of Pipeline is comprised of Sandy soil.

Degree of corrosivity as per Resistivity:

Soil along the entire route is high to very low corrosive.
Degree of corrosivity as per Chemical Analysis:
Soil along the entire route is slightly corrosive.

5. SOIL STRATIFICATION & RESISTIVITY:

To carry out soil exploration along the pipeline route at 500 m interval or as decided by engineer-in-charge up to 3 m depth and visual classification of soil along entire route is shown as soil profile.

The resistivity is to be measured at every 500 meters at 1, 1.5, 2 and 2.5 meter depth.

The boring was done manually by auger of 150 mm diameter at approximately 500 m interval up to a depth of 3 m or till rock is encountered and is marked as BH-1, BH-2, etc. as shown in the soil profile drawing and bore logs. Total 27 numbers of boreholes have been taken for the Proposed Pipeline.

The measurements of soil resistivity along the entire stretch of pipeline have been carried out as per the terms and conditions of the contract. For the purpose of protecting pipeline against cathodic action, soil resistivities at various points have been measured as part of the work. The resistivities have been measured approximately at every 500-meter interval at 1-, 1.5-, 2- and 2.5-meter depths.

ANNEXURE - I

Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)

TOTAL LENGTH STATEMENT

Sr. No.	Name of Pipeline		Chainage (km)		Length (km)
			Start	End	
1	Proposed Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)(4"Ø)(API 5L GR X42 PSL1 3LP)	Inside RIL	0.000	0.630	0.630
		Outside RIL	0.000	14.729	14.729
			Total Length(km)		14.729

ANNEXURE - II

Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)

TURNING POINTS, DISTANCES & BEARING STATEMENT

Sr. No.	TP - IP PILLAR NO.	DISTANCE (m)	CHAINAGE(m)	DEFLECTION ANGLE DEG MIN SEC	EASTING	NORTHING	LATITUDE	LONGITUDE
1	TP0	0.00	0.00	0 ° 0 ' 0 "	247137.8348	2400322.2768	21°41'17.84"	72°33'22.06"
2	TP1	4.85	4.85	90 ° 0 ' 1 "R	247133.1505	2400323.5369	21°41'17.88"	72°33'21.9"
3	TP2	4.92	9.77	39 ° 28 ' 49 "R	247134.4288	2400328.2888	21°41'18.04"	72°33'21.94"
4	TP3	6.20	15.97	20 ° 56 ' 2 "R	247139.4744	2400331.8829	21°41'18.16"	72°33'22.11"
5	IP3/1	22.04	38.01	0 ° 56 ' 58 "R	247160.8147	2400337.4135	21°41'18.35"	72°33'22.85"
6	IP3/2	68.76	106.77	0 ° 16 ' 2 "L	247227.6459	2400353.5566	21°41'18.91"	72°33'25.17"
7	IP3/3	180.28	287.05	0 ° 44 ' 2 "L	247402.6883	2400396.7032	21°41'20.4"	72°33'31.23"
8	IP3/4	129.95	417.00	0 ° 6 ' 43 "R	247528.4531	2400429.4178	21°41'21.53"	72°33'35.58"
9	TP4	69.98	486.98	8 ° 39 ' 46 "L	247596.2193	2400446.9042	21°41'22.13"	72°33'37.93"
10	IP4/1	164.43	651.41	0 ° 5 ' 15 "R	247747.4266	2400511.4988	21°41'24.3"	72°33'43.15"
11	IP4/2	102.05	753.46	0 ° 24 ' 23 "L	247841.3337	2400551.4455	21°41'25.65"	72°33'46.4"
12	IP4/3	36.34	789.80	1 ° 19 ' 48 "R	247874.6751	2400565.9085	21°41'26.14"	72°33'47.55"
13	TP5	64.99	854.79	8 ° 49 ' 12 "R	247934.8807	2400590.3805	21°41'26.96"	72°33'49.63"
14	IP5/1	123.97	978.76	0 ° 27 ' 42 "R	248055.5270	2400618.9009	21°41'27.95"	72°33'53.81"
15	IP5/2	94.98	1073.74	0 ° 30 ' 8 "R	248148.1293	2400640.0053	21°41'28.69"	72°33'57.01"
16	TP6	58.47	1132.21	88 ° 26 ' 43 "L	248205.2452	2400652.4965	21°41'29.12"	72°33'58.99"
17	TP7	139.29	1271.50	6 ° 44 ' 52 "R	248179.1885	2400789.3307	21°41'33.55"	72°33'58.01"
18	TP8	46.20	1317.70	79 ° 35 ' 47 "R	248175.9385	2400835.4187	21°41'35.05"	72°33'57.87"
19	IP8/1	48.94	1366.64	1 ° 33 ' 1 "R	248223.3295	2400847.6194	21°41'35.47"	72°33'59.52"
20	IP8/2	143.83	1510.47	0 ° 54 ' 22 "R	248363.5382	2400879.6975	21°41'36.59"	72°34'4.37"
21	TP9	67.62	1578.09	45 ° 0 ' 1 "L	248429.6861	2400893.7343	21°41'37.08"	72°34'6.67"
22	TP10	8.48	1586.57	44 ° 59 ' 51 "R	248434.3091	2400900.8479	21°41'37.31"	72°34'6.82"
23	TP11	164.94	1751.51	7 ° 47 ' 10 "R	248595.6553	2400935.0942	21°41'38.5"	72°34'12.41"
24	TP12	271.38	2022.89	14 ° 16 ' 12 "L	248866.3013	2400954.9570	21°41'39.29"	72°34'21.81"
25	TP13	115.34	2138.23	87 ° 17 ' 41 "L	248975.7024	2400991.4932	21°41'40.53"	72°34'25.6"
26	TP14	7.97	2146.20	73 ° 43 ' 8 "R	248973.5383	2400999.1602	21°41'40.78"	72°34'25.52"
27	TP15	30.39	2176.59	13 ° 11 ' 25 "L	248999.3025	2401015.2867	21°41'41.32"	72°34'26.41"
28	TP16	33.62	2210.21	15 ° 49 ' 51 "R	249022.9743	2401039.1526	21°41'42.1"	72°34'27.22"
29	TP17	23.43	2233.64	10 ° 43 ' 0 "R	249043.3929	2401050.6593	21°41'42.49"	72°34'27.92"
30	TP18	41.18	2274.82	45 ° 17 ' 7 "R	249082.3955	2401063.8505	21°41'42.94"	72°34'29.27"
31	TP19	37.07	2311.89	51 ° 56 ' 54 "L	249115.5422	2401047.2525	21°41'42.41"	72°34'30.43"
32	TP20	15.55	2327.44	26 ° 38 ' 41 "R	249129.5971	2401053.9110	21°41'42.64"	72°34'30.92"
33	TP21	123.91	2451.35	20 ° 53 ' 9 "L	249253.4754	2401051.1095	21°41'42.61"	72°34'35.22"
34	TP22	262.40	2713.75	35 ° 38 ' 43 "R	249500.6905	2401139.0914	21°41'45.6"	72°34'43.77"
35	TP23	68.38	2782.13	52 ° 23 ' 7 "L	249566.3983	2401120.1815	21°41'45.01"	72°34'46.07"
36	TP24	90.84	2872.97	22 ° 45 ' 51 "L	249639.5834	2401174.0008	21°41'46.8"	72°34'48.58"
37	TP25	20.00	2892.97	33 ° 30 ' 35 "R	249649.8577	2401191.1640	21°41'47.36"	72°34'48.93"
38	IP25/1	102.48	2995.45	1 ° 10 ' 57 "R	249742.2860	2401235.4178	21°41'48.85"	72°34'52.12"
39	TP26	159.17	3154.62	30 ° 3 ' 23 "R	249887.2318	2401301.1749	21°41'51.06"	72°34'57.13"
40	TP27	146.01	3300.63	16 ° 57 ' 39 "L	250032.5320	2401286.7894	21°41'50.67"	72°35'2.19"
41	TP28	173.02	3473.65	9 ° 19 ' 54 "L	250202.1933	2401320.7110	21°41'51.85"	72°35'8.07"
42	TP29	73.46	3547.11	8 ° 54 ' 17 "R	250270.9434	2401346.6047	21°41'52.73"	72°35'10.44"
43	TP30	172.29	3719.40	85 ° 3 ' 40 "L	250439.6362	2401381.6420	21°41'53.95"	72°35'16.29"
44	TP31	21.50	3740.90	72 ° 18 ' 29 "R	250437.0935	2401402.9832	21°41'54.65"	72°35'16.19"
45	TP32	166.69	3907.59	14 ° 4 ' 54 "R	250588.7921	2401472.0731	21°41'56.97"	72°35'21.43"
46	TP33	46.92	3954.51	92 ° 17 ' 17 "L	250634.9427	2401480.5472	21°41'57.27"	72°35'23.03"
47	IP33/1	175.85	4130.36	2 ° 1 ' 27 "R	250596.3044	2401652.0987	21°42'2.82"	72°35'21.59"
48	IP33/2	103.01	4233.37	0 ° 7 ' 32 "R	250577.2348	2401753.3261	21°42'6.1"	72°35'20.87"
49	TP34	130.72	4364.09	17 ° 11 ' 5 "R	250553.3146	2401881.8484	21°42'10.27"	72°35'19.97"
50	TP35	10.91	4375.00	35 ° 22 ' 33 "R	250554.5758	2401892.6797	21°42'10.62"	72°35'20.01"
51	TP36	24.62	4399.62	3 ° 51 ' 22 "R	250571.0594	2401910.9754	21°42'11.22"	72°35'20.57"
52	IP36/1	84.10	4483.72	0 ° 4 ' 17 "L	250631.4208	2401969.5236	21°42'13.16"	72°35'22.64"
53	IP36/2	104.18	4587.90	0 ° 10 ' 48 "R	250706.1152	2402042.1551	21°42'15.55"	72°35'25.2"
54	IP36/3	119.07	4706.97	0 ° 7 ' 27 "R	250791.7430	2402124.8964	21°42'18.29"	72°35'28.13"
55	IP36/4	122.65	4829.62	0 ° 0 ' 56 "R	250880.1234	2402209.9274	21°42'21.09"	72°35'31.16"
56	IP36/5	204.81	5034.43	0 ° 8 ' 28 "L	251027.7569	2402351.8890	21°42'25.78"	72°35'36.22"
57	IP36/6	214.98	5249.41	0 ° 15 ' 46 "R	251182.3487	2402501.2759	21°42'30.72"	72°35'41.51"
58	IP36/7	194.61	5444.02	0 ° 0 ' 0 "	251322.9169	2402635.8705	21°42'35.16"	72°35'46.33"
59	IP36/8	194.62	5638.64	2 ° 39 ' 8 "R	251463.4850	2402770.4651	21°42'39.61"	72°35'51.14"
60	IP36/9	28.85	5667.49	2 ° 45 ' 58 "L	251485.2222	2402789.4305	21°42'40.23"	72°35'51.89"
61	IP36/10	220.06	5887.55	1 ° 23 ' 56 "L	251643.8687	2402941.9410	21°42'45.27"	72°35'57.32"
62	IP36/11	59.14	5946.69	0 ° 55 ' 26 "R	251685.4884	2402983.9536	21°42'46.66"	72°35'58.75"

Sr. No.	TP - IP PILLAR NO.	DISTANCE (m)	CHAINAGE(m)	DEFLECTION ANGLE DEG MIN SEC	EASTING	NORTHING	LATITUDE	LONGITUDE
63	TP37	230.61	6177.30	36 ° 30 ' 52 "R	251850.4048	2403145.1432	21°42'51.98"	72°36'4.4"
64	TP38	44.44	6221.74	26 ° 8 ' 21 "R	251894.4368	2403151.1989	21°42'52.2"	72°36'5.92"
65	TP39	31.51	6253.25	14 ° 21 ' 21 "L	251924.3497	2403141.3012	21°42'51.89"	72°36'6.97"
66	TP40	128.83	6382.08	17 ° 37 ' 14 "R	252052.8731	2403132.4205	21°42'51.67"	72°36'11.44"
67	TP41	22.90	6404.98	17 ° 3 ' 16 "L	252074.1693	2403124.0002	21°42'51.4"	72°36'12.19"
68	IP41/1	185.49	6590.47	2 ° 33 ' 59 "R	252259.0802	2403109.3863	21°42'51.02"	72°36'18.63"
69	IP41/2	117.38	6707.85	0 ° 55 ' 13 "L	252375.5657	2403094.9078	21°42'50.61"	72°36'22.69"
70	IP41/3	69.07	6776.92	0 ° 22 ' 14 "L	252444.2350	2403087.4904	21°42'50.4"	72°36'25.08"
71	IP41/4	191.12	6968.04	1 ° 2 ' 22 "L	252634.3771	2403068.1953	21°42'49.87"	72°36'31.7"
72	IP41/5	155.17	7123.21	1 ° 12 ' 18 "R	252789.0160	2403055.3324	21°42'49.53"	72°36'37.09"
73	IP41/6	223.76	7346.97	1 ° 1 ' 34 "L	253011.5657	2403032.0994	21°42'48.89"	72°36'44.84"
74	TP42	178.01	7524.98	8 ° 49 ' 25 "R	253188.9162	2403016.7898	21°42'48.48"	72°36'51.01"
75	TP43	196.65	7721.63	3 ° 45 ' 49 "R	253379.9297	2402970.0230	21°42'47.06"	72°36'57.68"
76	TP44	122.40	7844.03	38 ° 50 ' 28 "R	253496.6520	2402933.1738	21°42'45.92"	72°37'1.76"
77	TP45	61.13	7905.16	51 ° 7 ' 21 "L	253530.5124	2402882.2831	21°42'44.28"	72°37'2.97"
78	IP45/1	42.86	7948.02	0 ° 43 ' 55 "L	253573.1961	2402878.3689	21°42'44.17"	72°37'4.45"
79	IP45/2	99.03	8047.05	2 ° 29 ' 11 "L	253671.9189	2402870.5861	21°42'43.97"	72°37'7.89"
80	IP45/3	178.71	8225.76	1 ° 6 ' 41 "R	253850.5188	2402864.2828	21°42'43.86"	72°37'14.1"
81	TP46	171.82	8397.58	3 ° 48 ' 51 "L	254022.0784	2402854.8931	21°42'43.64"	72°37'20.08"
82	IP46/1	66.36	8463.94	0 ° 7 ' 19 "R	254088.4380	2402855.6822	21°42'43.7"	72°37'22.38"
83	IP46/2	112.92	8576.86	1 ° 4 ' 42 "L	254201.3435	2402856.7843	21°42'43.79"	72°37'26.31"
84	IP46/3	116.19	8693.05	0 ° 52 ' 52 "R	254317.4958	2402860.1053	21°42'43.95"	72°37'30.35"
85	IP46/4	261.51	8954.56	1 ° 45 ' 40 "L	254578.9781	2402863.5587	21°42'44.2"	72°37'39.44"
86	IP46/5	262.24	9216.80	0 ° 14 ' 23 "R	254840.9609	2402875.0787	21°42'44.7"	72°37'48.54"
87	TP47	316.17	9532.97	88 ° 4 ' 39 "L	255156.8835	2402887.6457	21°42'45.27"	72°37'59.52"
88	TP48	39.41	9572.38	89 ° 31 ' 42 "R	255156.6389	2402927.0591	21°42'46.55"	72°37'59.49"
89	TP49	240.43	9812.81	59 ° 16 ' 41 "R	255397.0381	2402930.5302	21°42'46.78"	72°38'7.85"
90	TP50	23.51	9836.32	19 ° 45 ' 48 "L	255409.3417	2402910.4912	21°42'46.14"	72°38'8.29"
91	TP51	17.01	9853.33	37 ° 2 ' 2 "L	255422.6165	2402899.8608	21°42'45.8"	72°38'8.76"
92	IP51/1	39.04	9892.37	2 ° 8 ' 33 "L	255461.6405	2402898.7342	21°42'45.78"	72°38'10.12"
93	IP51/2	214.53	10106.90	1 ° 13 ' 46 "R	255676.1617	2402900.5651	21°42'45.95"	72°38'17.58"
94	IP51/3	166.84	10273.74	0 ° 0 ' 1 "L	255842.9933	2402898.4088	21°42'45.96"	72°38'23.38"
95	IP51/4	166.82	10440.56	0 ° 11 ' 16 "L	256009.8004	2402896.2539	21°42'45.97"	72°38'29.18"
96	IP51/5	170.65	10611.21	1 ° 25 ' 17 "L	256180.4372	2402894.6091	21°42'46"	72°38'35.12"
97	TP52	141.03	10752.24	86 ° 51 ' 19 "R	256321.4517	2402896.7485	21°42'46.14"	72°38'40.02"
98	IP52/1	178.47	10930.71	0 ° 0 ' 0 "	256333.9442	2402718.7130	21°42'40.36"	72°38'40.55"
99	IP52/2	178.48	11109.19	1 ° 23 ' 20 "L	256346.4367	2402540.6772	21°42'34.58"	72°38'41.08"
100	IP52/3	98.14	11207.33	2 ° 52 ' 30 "R	256355.6770	2402442.9723	21°42'31.41"	72°38'41.45"
101	TP53	32.59	11239.92	89 ° 53 ' 12 "L	256357.1145	2402410.4066	21°42'30.36"	72°38'41.52"
102	IP53/1	278.25	11518.17	0 ° 0 ' 0 "	256635.1178	2402422.1271	21°42'30.87"	72°38'51.18"
103	IP53/2	234.90	11753.07	0 ° 0 ' 0 "	256869.8010	2402432.0214	21°42'31.31"	72°38'59.33"
104	TP54	255.89	12008.96	90 ° 48 ' 40 "	257125.4661	2402442.8002	21°42'31.79"	72°39'8.22"
105	TP55	48.96	12057.92	83 ° 8 ' 54 "L	257126.8358	2402393.8590	21°42'30.2"	72°39'8.29"
106	TP56	22.08	12080.00	6 ° 15 ' 44 "L	257148.8263	2402391.8389	21°42'30.14"	72°39'9.06"
107	TP57	140.49	12220.49	88 ° 28 ' 52 "L	257289.2908	2402394.3239	21°42'30.29"	72°39'13.94"
108	TP58	78.67	12299.16	86 ° 50 ' 49 "R	257289.9846	2402472.9889	21°42'32.85"	72°39'13.93"
109	IP58/1	172.95	12472.11	1 ° 40 ' 48 "R	257462.7524	2402480.9787	21°42'33.2"	72°39'19.93"
110	IP58/2	70.21	12542.32	0 ° 51 ' 40 "L	257532.9485	2402482.1645	21°42'33.27"	72°39'22.37"
111	IP58/3	93.61	12635.93	0 ° 5 ' 46 "R	257626.5166	2402485.1524	21°42'33.41"	72°39'25.62"
112	IP58/4	210.93	12846.86	0 ° 19 ' 6 "L	257837.3493	2402491.5307	21°42'33.72"	72°39'32.95"
113	TP59	146.87	12993.73	11 ° 55 ' 22 "L	257984.1277	2402496.7872	21°42'33.97"	72°39'38.05"
114	TP60	64.84	13058.57	4 ° 39 ' 34 "L	258047.0509	2402512.4450	21°42'34.51"	72°39'40.23"
115	IP60/1	160.69	13219.26	0 ° 0 ' 0 "	258199.3141	2402563.7853	21°42'36.25"	72°39'45.5"
116	TP61	145.11	13364.37	97 ° 48 ' 8 "	258336.8179	2402610.1490	21°42'37.82"	72°39'50.26"
117	TP62	59.85	13424.22	14 ° 21 ' 8 "R	258348.0644	2402551.3652	21°42'35.92"	72°39'50.68"
118	IP62/1	163.53	13587.75	0 ° 14 ' 15 "L	258338.0202	2402388.1399	21°42'30.61"	72°39'50.42"
119	TP63	139.86	13727.61	26 ° 6 ' 55 "R	258330.0090	2402248.5165	21°42'26.07"	72°39'50.21"
120	TP64	78.15	13805.76	25 ° 47 ' 26 "L	258291.6457	2402180.4306	21°42'23.84"	72°39'48.91"
121	TP65	23.11	13828.87	28 ° 39 ' 10 "L	258290.1910	2402157.3651	21°42'23.09"	72°39'48.88"
122	TP66	151.16	13980.03	90 ° 57 ' 44 "	258354.1806	2402020.4134	21°42'18.67"	72°39'51.17"
123	TP67	282.19	14262.22	90 ° 12 ' 41 "	258607.7951	2402144.1427	21°42'22.81"	72°39'59.93"
124	TP68	97.79	14360.01	89 ° 27 ' 17 "L	258650.3480	2402056.0976	21°42'19.97"	72°40'1.45"
125	TP69	5.66	14365.67	90 ° 39 ' 11 "	258655.4646	2402058.5107	21°42'20.05"	72°40'1.63"
126	TP70	18.70	14384.37	24 ° 29 ' 57 "R	258663.2513	2402041.5004	21°42'19.5"	72°40'1.91"
127	IP70/1	67.38	14451.75	1 ° 22 ' 38 "L	258663.3657	2401974.1275	21°42'17.31"	72°40'1.95"
128	IP70/2	76.11	14527.86	1 ° 27 ' 16 "L	258665.3244	2401898.0340	21°42'14.84"	72°40'2.06"
129	TP71	15.39	14543.25	0 ° 0 ' 0 "	258666.1103	2401882.6736	21°42'14.34"	72°40'2.09"

ANNEXURE – III

Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)

POPULATION DENSITY INDEX-AT A GLANCE

CLASS	LENGTH (km)
I	3.529
II	9.600
III	1.600
IV	-
TOTAL	**14.729**

Detailed Feasibility Report: Proposed 4"Ø Ethylene Pipeline from RIL DMD to DCTL

LIST OF ALL CROSSINGS FALLING ON THE ROUTE OF PIPELINE

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
1	Cable	U/G 33kV Double Circuit Cable TPL	13.03	-	-	247137.0827	2400330.1792	21°41'18.1"	72°33'22.03"
2	Pipeline	EX.4"Ø ETHANE P/L RIL DMD TO SRF	17.29	-	-	247140.7556	2400332.2149	21°41'18.17"	72°33'22.16"
3	ROAD	ASPHALT ROAD GIDC (PLL TO DAHEJ)	1132.21	1171.06	38.85	248205.2445	2400652.5002	21°41'29.12"	72°33'58.99"
4	PIPELINE	EX.16"ø GACL EFFLUENT PIPELINE	1168.74	-	-	248198.4105	2400688.3883	21°41'30.28"	72°33'58.74"
5	POWER LINE	11kV Power Line	1170.74	-	-	248198.0364	2400690.3530	21°41'30.35"	72°33'58.72"
6	PIPELINE	EX. 1000mmø EFFLUENT LINE GIDC	1173.63	-	-	248197.4957	2400693.1920	21°41'30.44"	72°33'58.7"
7	PIPELINE	EX. 30"ø DUPL GAS PIPE LINE (GAIL)	1176.78	-	-	248196.9065	2400696.2864	21°41'30.54"	72°33'58.68"
8	PIPELINE	New Proposed 800mm Dia. Effluent Pipeline	1179.98	-	-	248196.3079	2400699.4299	21°41'30.64"	72°33'58.66"
9	PIPELINE	EX. 48"ø DVPL II GAS PIPE LINE (GAIL)	1193.88	-	-	248193.7077	2400713.0845	21°41'31.08"	72°33'58.56"
10	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL(WADIA HEAD WORKS TO LAKHIGAM SECTION)	1195.77	-	-	248193.3541	2400714.9412	21°41'31.14"	72°33'58.55"
11	CONVEYOR	PROPOSED ADANI POWER CONVEYOR	1198.51	1213.51	15.00	248192.8416	2400717.6328	21°41'31.23"	72°33'58.53"
12	PIPELINE	EX.250mm D.I. WSPL ADANI	1199.22	-	-	248192.7088	2400718.3303	21°41'31.25"	72°33'58.52"
13	CONVEYOR	PROPOSED CONVEYOR BELT DEEPAK	1214.56	1216.56	2.00	248189.8392	2400733.3995	21°41'31.74"	72°33'58.41"
14	PIPELINE	U/C 8"Ø GCPL TO ASIAN PAINT ETHYLENE	1227.18	-	-	248187.4790	2400745.7938	21°41'32.14"	72°33'58.32"
15	PIPELINE	EX.88.9mm Ø LIQ.HYDROGEN P/L MEGHMANI	1232.43	-	-	248186.4964	2400750.9540	21°41'32.31"	72°33'58.29"
16	PIPELINE	EX.4" Ø ETHANE P/L RIL DMD TO SRF	1234.80	-	-	248186.0530	2400753.2822	21°41'32.39"	72°33'58.27"
17	PIPELINE	U/C.10"Ø CAUSTIC P/L CH-17 TO GCPL	1238.41	-	-	248185.3777	2400756.8285	21°41'32.5"	72°33'58.25"
18	PIPELINE	EX.24"ø GSPL PDPL GAS PIPE LINE	1242.54	-	-	248184.6051	2400760.8856	21°41'32.63"	72°33'58.22"
19	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1248.73	-	-	248183.4478	2400766.9634	21°41'32.83"	72°33'58.17"
20	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1248.73	-	-	248183.4478	2400766.9634	21°41'32.83"	72°33'58.17"
21	PIPELINE	EX.42"ø DVPL-I GAS PIPE LINE (GAIL)	1254.08	-	-	248182.4464	2400772.2219	21°41'33"	72°33'58.14"
22	H.T. POWER LINE	225kv H.T. POWER LINE	1272.97	-	-	248179.0848	2400790.8008	21°41'33.6"	72°33'58.01"
23	CABLE	66 KV DAHEJ-ADANI CABLE	1290.86	-	-	248177.8264	2400808.6465	21°41'34.18"	72°33'57.95"
24	CORRIDOR	ADANI 66KV POWER CORRIDOR (18m)	1291.37	1309.63	18.26	248177.7905	2400809.1552	21°41'34.2"	72°33'57.95"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
25	H.T. POWER LINE	ADANI 66KV POWER LINE	1298.01	-	-	248177.3234	2400815.7788	21°41'34.41"	72°33'57.93"
26	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (3 LINE) DEEPAK PHENOLICS	1579.51	1582.33	2.82	248430.4614	2400894.9272	21°41'37.11"	72°34'6.69"
27	PIPELINE	PROPOSED GCPL TO D1 PIPELINE CORRIDOR (4 LINE) DEEPAK PHENOLICS	1582.33	1585.16	2.83	248431.9980	2400897.2918	21°41'37.19"	72°34'6.74"
28	PIPELINE	EX. 48"ø DVPL II GAS PIPE LINE (GAIL)	1956.23	-	-	248799.8245	2400950.0781	21°41'39.1"	72°34'19.51"
29	PIPELINE	PROPOSED 8"DIA. HYDROGEN PIPELINE FROM PLL TO RUCHI PETRO PLAST PRIVATE LIMITED	2136.23	2137.23	1.00	248973.8060	2400990.8598	21°41'40.51"	72°34'25.53"
30	PIPELINE	EX.16"ø IOCL DKPL	2141.20	-	-	248974.8954	2400994.3521	21°41'40.62"	72°34'25.57"
31	DRAIN	DRAIN	2224.73	2227.08	2.35	249035.6278	2401046.2834	21°41'42.34"	72°34'27.65"
32	PIPELINE	PROPOSED 8"DIA. HYDROGEN PIPELINE	2313.79	-	-	249117.2626	2401048.0675	21°41'42.44"	72°34'30.49"
33	PIPELINE	EX. 48"ø DVPL II GAS PIPE LINE (GAIL)	2317.34	-	-	249120.4708	2401049.5874	21°41'42.49"	72°34'30.6"
34	PIPELINE	EX. 200mm DIA HDPE EFFLUENT LINE BASF	2344.42	-	-	249146.5761	2401053.5270	21°41'42.63"	72°34'31.51"
35	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	2346.79	-	-	249148.9455	2401053.4734	21°41'42.63"	72°34'31.59"
36	PIPELINE	EX.16"ø IOCL DKPL	2352.12	-	-	249154.2742	2401053.3529	21°41'42.63"	72°34'31.77"
37	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL(WADIA HEAD WORKS TO LAKHIGAM SECTION)	2359.67	-	-	249161.8222	2401053.1822	21°41'42.63"	72°34'32.04"
38	ROAD	ASPHALT ROAD (LNG DAHEJ-DAHEJ RAILWAY STATION)(to Dahej)	2367.23	2408.82	41.59	249169.3803	2401053.0113	21°41'42.63"	72°34'32.3"
39	PIPELINE	16" HDPE Effluent Fineline(Abandoned)	2368.97	-	-	249171.1198	2401052.9720	21°41'42.63"	72°34'32.36"
40	POWER LINE	11kV Power Line	2369.02	-	-	249171.1698	2401052.9708	21°41'42.63"	72°34'32.36"
41	CORRIDOR	PROPOSED ADANI CORRIDOR	2371.85	2423.43	51.58	249173.9991	2401052.9069	21°41'42.63"	72°34'32.46"
42	PIPELINE	16" HDPE Effluent Fineline	2399.14	-	-	249201.2821	2401052.2899	21°41'42.62"	72°34'33.41"
43	CABLE	U/G 11KV CABLE	2401.26	-	-	249203.4016	2401052.2419	21°41'42.62"	72°34'33.48"
44	PIPELINE	EX.WSPL	2404.22	-	-	249206.3608	2401052.1750	21°41'42.62"	72°34'33.59"
45	H.T.LINE	66kv GETCO H.T. LINE ADANI PORT	2412.98	-	-	249215.1186	2401051.9770	21°41'42.62"	72°34'33.89"
46	PIPELINE	Ex.4"Ø PROPYLENE PIPELINE (DAHEJ -	2422.90	-	-	249225.0361	2401051.7527	21°41'42.62"	72°34'34.24"
47	PIPELINE	Ex.6" Ø NAPHTHA PIPELINE (DAHEJ -	2423.81	-	-	249225.9458	2401051.7321	21°41'42.62"	72°34'34.27"
48	PIPELINE	Ex.6"Ø ETHYLENE PIPELINE (DAHEJ -	2424.65	-	-	249226.7856	2401051.7131	21°41'42.62"	72°34'34.3"
49	CABLE	EX.2"Ø OFC CABLE(RIL)	2425.78	-	-	249227.9153	2401051.6876	21°41'42.62"	72°34'34.34"
50	CABLE	66 KV DAHEJ-ADANI CABLE	2428.75	-	-	249230.8846	2401051.6204	21°41'42.62"	72°34'34.44"
51	PIPELINE	EX.26"Ø SEMI RICH P/L (RIL)	2431.52	-	-	249233.6539	2401051.5578	21°41'42.61"	72°34'34.53"
52	PIPELINE	EX.24"Ø LEAN GAS P/L (RIL)	2433.28	-	-	249235.4134	2401051.5180	21°41'42.61"	72°34'34.6"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
53	PIPELINE	New Proposed 800mm Dia. Effluent Pipeline	2449.03	-	-	249251.1594	2401051.1619	21°41'42.61"	72°34'35.14"
54	CART TRACK	CART TRACK	2539.38	2544.24	4.86	249336.4130	2401080.6263	21°41'43.61"	72°34'38.09"
55	H.T.LINE	225kv H.T. POWER LINE	2730.98	-	-	249517.2474	2401134.3265	21°41'45.45"	72°34'44.35"
56	PIPELINE	EX.200mm ø D.I WSPL TO BASF	2742.67	-	-	249528.4814	2401131.0935	21°41'45.35"	72°34'44.74"
57	PIPELINE	EX. 200mmø HDPE EFFLUENT LINE BASF	2745.24	-	-	249530.9512	2401130.3827	21°41'45.33"	72°34'44.83"
58	PIPELINE	EX. PIPELINE	2755.75	-	-	249541.0513	2401127.4760	21°41'45.24"	72°34'45.18"
59	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	2762.68	-	-	249547.7110	2401125.5595	21°41'45.18"	72°34'45.41"
60	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	2765.00	-	-	249549.9385	2401124.9184	21°41'45.16"	72°34'45.49"
61	PIPELINE	EX.42"ø DVPL-I GAS PIPE LINE (GAIL)	2766.38	-	-	249551.2666	2401124.5362	21°41'45.15"	72°34'45.54"
62	CONVEYOR	PROPOSED CONVEYOR BELT DEEPAK	2770.11	2773.66	3.55	249554.8512	2401123.5046	21°41'45.12"	72°34'45.66"
63	PIPELINE	U/C 8"Ø GCPL TO ASIAN PAINT ETHYLENE	2776.83	-	-	249561.3071	2401121.6466	21°41'45.06"	72°34'45.89"
64	PIPELINE	EX.24"ø GSPL PDPL GAS PIPE LINE	2778.30	-	-	249562.7217	2401121.2395	21°41'45.05"	72°34'45.94"
65	CONVEYOR	PROPOSED CONVEYOR BELT DEEPAK	2798.13	2804.75	6.62	249579.2915	2401129.6630	21°41'45.33"	72°34'46.51"
66	PIPELINE	EX. 110mm DIA HDPE EFFLUENT LINE BASF	2884.32	-	-	249645.4133	2401183.7397	21°41'47.12"	72°34'48.78"
67	PIPELINE	EX.200mm ø D.I WSPL TO BASF	2887.07	-	-	249646.8258	2401186.0992	21°41'47.2"	72°34'48.83"
68	PIPELINE	EX.200mm ø D.I WSPL TO BASF	3158.53	-	-	249891.1292	2401300.7890	21°41'51.05"	72°34'57.26"
69	PIPELINE	EX. 110mm DIA HDPE EFFLUENT LINE BASF	3160.91	-	-	249893.4976	2401300.5545	21°41'51.04"	72°34'57.34"
70	PIPELINE	PROPOSED 8"DIA. HYDROGEN PIPELINE FROM PLL TO RUCHI PETRO PLAST PRIVATE LIMITED	3169.78	3173.86	4.08	249902.3245	2401299.6806	21°41'51.02"	72°34'57.65"
71	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (2 LINES) DEEPAK PHENOLICS(10"DIA. HYDROGEN & 6"DIA. PROPYLENE)	3173.86	3177.95	4.09	249906.3846	2401299.2787	21°41'51.01"	72°34'57.79"
72	PIPELINE	EX. 250mmØ DI. WSPL ADANI	3211.34	-	-	249943.6823	2401295.5860	21°41'50.91"	72°34'59.09"
73	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	3236.25	-	-	249968.4711	2401293.1317	21°41'50.84"	72°34'59.95"
74	PIPELINE	EX.800 MM DIA HDPE WSPL	3259.64	-	-	249991.7473	2401290.8272	21°41'50.78"	72°35'0.77"
75	PIPELINE	Ex.4" Ø .VCM Carbon Steel Pipeline From RIL DMD To (NFASL)	3262.61	-	-	249994.7028	2401290.5346	21°41'50.77"	72°35'0.87"
76	PIPELINE	Proposed RIL TO GFL VCM Pipeline	3266.27	-	-	249998.3450	2401290.1740	21°41'50.76"	72°35'0.99"
77	PIPELINE	Ex.10"Ø CAUSTIC CH-17 TO GCPL	3270.95	-	-	250003.0023	2401289.7129	21°41'50.75"	72°35'1.16"
78	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI	3274.69	-	-	250006.7241	2401289.3444	21°41'50.74"	72°35'1.29"
79	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	3278.31	-	-	250010.3265	2401288.9878	21°41'50.73"	72°35'1.41"
80	PIPELINE	EX. 48" ø GAIL DVVPL II GAS LINE	3288.47	-	-	250020.4370	2401287.9868	21°41'50.7"	72°35'1.76"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
81	PIPELINE	EX. WSPL	3315.67	-	-	250047.2859	2401289.7393	21°41'50.77"	72°35'2.7"
82	PIPELINE	Ex. 600mm ø GIDC WSPL	3339.08	-	-	250070.2416	2401294.3290	21°41'50.93"	72°35'3.49"
83	POWER LINE	11kV Power Line	3341.34	-	-	250072.4577	2401294.7721	21°41'50.95"	72°35'3.57"
84	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	3342.13	-	-	250073.2324	2401294.9269	21°41'50.95"	72°35'3.6"
85	ROAD	RCC ROAD (PLL DAHEJ TO DAHEJ)	3343.13	3438.93	95.80	250074.2130	2401295.1230	21°41'50.96"	72°35'3.63"
86	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL(WADIA HEAD WORKS TO JAGESHWAR SECTION)	3357.54	-	-	250088.3433	2401297.9482	21°41'51.06"	72°35'4.12"
87	POWER LINE	11kV Power Line	3367.29	-	-	250097.9041	2401299.8597	21°41'51.12"	72°35'4.45"
88	PIPELINE	EX.48"Ø RIL WATER SUPPLY PIPE LINE	3407.88	-	-	250137.7063	2401307.8177	21°41'51.4"	72°35'5.83"
89	CABLE	U/G 33KV CABLE LINE (TPL)	3448.94	-	-	250177.9694	2401315.8678	21°41'51.68"	72°35'7.23"
90	PIPELINE	PROPOSED EFFLUENT LINE (4 NO) NOCIL,DPL,DNL,BASF CORRIDOR(AMAR FIBROCATE)	3499.16	3500.96	1.80	250226.0725	2401329.7047	21°41'52.16"	72°35'8.89"
91	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	3533.01	-	-	250257.7502	2401341.6356	21°41'52.56"	72°35'9.99"
92	PIPELINE	PROPOSED RIL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	3583.64	-	-	250306.7121	2401354.0338	21°41'52.99"	72°35'11.68"
93	PIPELINE	Ex.12"Ø REPL DNEPL	3588.54	-	-	250311.5097	2401355.0302	21°41'53.03"	72°35'11.85"
94	PIPELINE	EX. 48"ø DVPL II GAS PIPE LINE (GAIL)	3621.62	-	-	250343.8985	2401361.7573	21°41'53.26"	72°35'12.97"
95	POWER LINE	11kV Power Line	3640.87	-	-	250362.7462	2401365.6720	21°41'53.4"	72°35'13.63"
96	ROAD	ASPHALT ROAD (TO AMBHETA)	3644.50	3662.27	17.77	250366.3004	2401366.4102	21°41'53.42"	72°35'13.75"
97	POWER LINE	11kV Power Line	3670.93	-	-	250392.1781	2401371.7849	21°41'53.61"	72°35'14.65"
98	PIPELINE	EX 6"ø GGL CGD PL	3673.58	-	-	250394.7727	2401372.3238	21°41'53.63"	72°35'14.74"
99	PIPELINE	EX.6"ø GAS P/L GSPL TERMINAL TO GFL	3678.16	-	-	250399.2570	2401373.2552	21°41'53.66"	72°35'14.89"
100	H.T. LINE	66KV HT LINE	3685.83	-	-	250406.7668	2401374.8149	21°41'53.72"	72°35'15.15"
101	PIPELINE	EX. 42"ø DVPL GAS PIPE LINE (GAIL)	3724.38	-	-	250439.0471	2401386.5861	21°41'54.12"	72°35'16.27"
102	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	3732.86	-	-	250438.0441	2401395.0045	21°41'54.39"	72°35'16.23"
103	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	3734.86	-	-	250437.8075	2401396.9905	21°41'54.45"	72°35'16.22"
104	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (2 LINES) DEEPAK PHENOLICS(10"DIA. HYDROGEN & 6"DIA. PROPYLENE)	3735.65	3737.75	2.10	250437.7138	2401397.7769	21°41'54.48"	72°35'16.21"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
105	PIPELINE	PROPOSED 8"DIA. HYDROGEN PIPELINE FROM PLL TO RUCHI PETRO PLAST PRIVATE LIMITED	3737.75	3739.85	2.10	250437.4653	2401399.8622	21°41'54.55"	72°35'16.2"
106	H.T.LINE	H.T. Power Line	3871.16	-	-	250555.6441	2401456.9761	21°41'56.46"	72°35'20.28"
107	CABLE	66KV HT CABLE GETCO TO DEEPAK	3877.72	-	-	250561.6141	2401459.6951	21°41'56.55"	72°35'20.49"
108	H.T.LINE	H.T. Power Line	3888.24	-	-	250571.1879	2401464.0554	21°41'56.7"	72°35'20.82"
109	PIPELINE	PROPOSED 8"DIA. HYDROGEN PIPELINE FROM PLL TO RUCHI PETRO PLAST PRIVATE	3952.51	3953.51	1.00	250632.9773	2401480.1864	21°41'57.26"	72°35'22.96"
110	PIPELINE	PROPOSED 6"DIA. EHYLENE PIPELINE FROM RIL TO PAYAL PROPERTIES PRIVATE LIMITED	3957.46	-	-	250634.2941	2401483.4269	21°41'57.36"	72°35'23"
111	PIPELINE	U/C 8"Ø GCPL TO ASIAN PAINT ETHYLENE LINE	3997.83	-	-	250625.4239	2401522.8103	21°41'58.64"	72°35'22.67"
112	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	4004.43	-	-	250623.9733	2401529.2510	21°41'58.85"	72°35'22.62"
113	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI	4006.00	-	-	250623.6283	2401530.7826	21°41'58.89"	72°35'22.61"
114	PIPELINE	Ex.10"Ø CAUSTIC P/L NALCO TO GCPL	4007.34	-	-	250623.3339	2401532.0899	21°41'58.94"	72°35'22.6"
115	POWER LINE	11kV Power Line	4016.66	-	-	250621.2860	2401541.1821	21°41'59.23"	72°35'22.52"
116	PIPELINE	EX.200mm Ø HDPE EFFLUENT LINE (BASF)	4020.81	-	-	250620.3742	2401545.2307	21°41'59.36"	72°35'22.49"
117	PIPELINE	EX.6"ø GAS P/L GSPL TERMINAL TO GFL	4021.79	-	-	250620.1589	2401546.1867	21°41'59.39"	72°35'22.48"
118	PIPELINE	EX.800mm ø GRP HINDALCO WATER SUPPLY	4024.95	-	-	250619.4645	2401549.2695	21°41'59.49"	72°35'22.45"
119	PIPELINE	EX.600mm ø GRP HINDALCO WATER SUPPLY	4026.98	-	-	250619.0185	2401551.2499	21°41'59.56"	72°35'22.44"
120	PIPELINE	EX 6"ø GGL GAS PL FROM CNG TO GFL	4028.82	-	-	250618.6142	2401553.0449	21°41'59.62"	72°35'22.42"
121	POWER LINE	11kV Power Line	4038.76	-	-	250616.4302	2401562.7420	21°41'59.93"	72°35'22.34"
122	CABLE	33&11 KV U/G CABLE TPL	4040.92	-	-	250615.9555	2401564.8492	21°41'60"	72°35'22.32"
123	PIPELINE	EX. 12"Ø D.I. WSPL GCPL	4044.89	-	-	250615.0832	2401568.7222	21°42'0.12"	72°35'22.29"
124	ROAD	ASPHALT ROAD (TO GACL DAHEJ)	4045.87	4086.37	40.50	250614.8679	2401569.6783	21°42'0.15"	72°35'22.28"
125	PIPELINE	New Proposed 800mm Dia. Effluent Pipeline	4053.00	-	-	250613.3013	2401576.6340	21°42'0.38"	72°35'22.22"
126	PIPELINE	EX. 16"ø GACL EFFLUENT PIPELINE (GACL)	4055.00	-	-	250612.8618	2401578.5851	21°42'0.44"	72°35'22.21"
127	H.T.LINE	H.T. POWER LINE	4061.01	-	-	250611.5413	2401584.4483	21°42'0.63"	72°35'22.16"
128	POWER LINE	11kV Power Line	4088.39	-	-	250605.5253	2401611.1592	21°42'1.5"	72°35'21.93"
129	CABLE	66kv U/G CABLE HEMANI (GETCO)	4133.80	-	-	250595.6667	2401655.4840	21°42'2.93"	72°35'21.57"
130	PIPELINE	EX.2"Ø WSPL PVC GETCO	4227.41	-	-	250578.3368	2401747.4759	21°42'5.91"	72°35'20.91"
131	PIPELINE	PROPOSED 8"DIA. HYDROGEN PIPELINE	4370.41	4372.05	1.64	250554.0451	2401888.1216	21°42'10.47"	72°35'19.99"
132	PIPELINE	PROPOSED 6"DIA. EHYLENE PIPELINE FROM	4375.08	-	-	250554.6301	2401892.7400	21°42'10.62"	72°35'20.01"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
133	DRAIN	LINED DRAIN	4380.03	4386.98	6.95	250557.9448	2401896.4190	21°42'10.74"	72°35'20.13"
134	OFC CABLE	RJIL OFC CABLE	4395.00	-	-	250567.9650	2401907.5409	21°42'11.11"	72°35'20.47"
135	H.T.LINE	H.T. POWER LINE	4480.15	-	-	250628.8622	2401967.0419	21°42'13.07"	72°35'22.55"
136	H.T.LINE	H.T. POWER LINE	4519.69	-	-	250657.2130	2401994.6035	21°42'13.98"	72°35'23.52"
137	PIPELINE	10" CS CSL Pipeline to Dahej Station	5231.74	-	-	251169.6448	2402488.9995	21°42'30.31"	72°35'41.08"
138	PIPELINE	EX.10"Ø CAUSTIC P/L CH-17 TO GCPL	5238.69	-	-	251174.6426	2402493.8290	21°42'30.47"	72°35'41.25"
139	PIPELINE	EX.10"Ø CAUSTIC P/L GNAL TO CH-17	5242.45	-	-	251177.3465	2402496.4419	21°42'30.56"	72°35'41.34"
140	PIPELINE	6" H2 Gas Pipeline	5247.34	-	-	251180.8629	2402499.8399	21°42'30.67"	72°35'41.46"
141	PIPELINE	PROPOSED 8"DIA.REPL DPEPL (ETHANE PIPELINE FROM RIL DMD TO PARVAT(MLV))	5656.39	-	-	251476.8622	2402782.1365	21°42'39.99"	72°35'51.6"
142	PIPELINE	EX. 12"ø ETHANE RIL DNEPL	5659.39	-	-	251479.1228	2402784.1088	21°42'40.06"	72°35'51.68"
143	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	5662.34	-	-	251481.3456	2402786.0482	21°42'40.12"	72°35'51.76"
144	PIPELINE	EX.4" Ø .VCM CARBON STEEL PIPELINE FROM RIL DMD TO (NFASL)	5675.87	-	-	251491.2673	2402795.2418	21°42'40.43"	72°35'52.1"
145	PIPELINE	PROPOSED VCM PIPELINE (RIL TO GFL)	5678.15	-	-	251492.9110	2402796.8219	21°42'40.48"	72°35'52.15"
146	ROAD	RCC ROAD TO GACL DAHEJ (MAIN GATE)	5900.70	5930.54	29.84	251653.1243	2402951.2840	21°42'45.58"	72°35'57.64"
147	PIPELINE	EX.6" Ø GGL GAS PL CNG TO GFL DAHEJ	5913.99	-	-	251662.4775	2402960.7255	21°42'45.89"	72°35'57.96"
148	PIPELINE	Ex. 24" Ø GSPL-PDPL (PETRONET-DAHEJ)	5988.54	-	-	251715.4197	2403013.2085	21°42'47.62"	72°35'59.77"
149	PIPELINE	EX. 6"ø GSPL (BCPL) GACL TO BIRLA	6004.56	-	-	251726.8763	2403024.4062	21°42'47.99"	72°36'0.17"
150	PIPELINE	PROPOSED 8"DIA. HYDROGEN PIPELINE	6178.23	6179.82	1.59	251851.3310	2403145.2706	21°42'51.98"	72°36'4.43"
151	PIPELINE	PROPOSED 6"DIA. HYDROGEN PIPELINE FROM GACL TO RUCHI PETRO PLAST	6197.29	6198.31	1.02	251870.2133	2403147.8674	21°42'52.08"	72°36'5.08"
152	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	6185.43	-	-	251858.4658	2403146.2518	21°42'52.02"	72°36'4.68"
153	POWER LINE	11kV Power Line	6204.78	-	-	251877.6354	2403148.8882	21°42'52.11"	72°36'5.34"
154	H.T.LINE	220kv HIGH TENSION LINE	6251.15	-	-	251922.3584	2403141.9600	21°42'51.91"	72°36'6.9"
155	PIPELINE	Ex.8"ø MDPE GAIL GAS P/L (JOLVA TO GACL)	6252.22	-	-	251923.3743	2403141.6239	21°42'51.9"	72°36'6.94"
156	PIPELINE	EX.8"ø GSPL TERMINAL TO GGL CNG PUMP	6370.09	-	-	252040.9143	2403133.2469	21°42'51.69"	72°36'11.03"
157	CABLE	66kv U/G CABLE HEMANI (GETCO)	6375.75	-	-	252046.5609	2403132.8567	21°42'51.68"	72°36'11.22"
158	PIPELINE	U/C 24"ø GACL WSPL	6398.00	-	-	252067.6804	2403126.5659	21°42'51.48"	72°36'11.96"
159	ROAD	ASPHALT ROAD TO SEZ (SH-6- GIDC)	6735.69	6767.27	31.58	252403.2476	2403091.9177	21°42'50.53"	72°36'23.65"
160	H.T.LINE	400kv HIGH TENSION LINE	6849.47	-	-	252516.4185	2403080.1654	21°42'50.2"	72°36'27.59"
161	PIPELINE	EX 88.9mmø LIQ. HYDROGEN P/L MEGHMANI	6946.94	-	-	252613.3905	2403070.3249	21°42'49.93"	72°36'30.97"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
162	PIPELINE	Ex.200mmø PVC WATER SUPPLY PIPELINE	7169.15	-	-	252834.7104	2403050.5621	21°42'49.4"	72°36'38.68"
163	PIPELINE	EX 700mmø EFFULENT PL VILAYAY GIDC	7580.57	-	-	253242.9148	2403003.5690	21°42'48.08"	72°36'52.9"
164	PIPELINE	EX.12"ø WSPL	7638.55	-	-	253299.2314	2402989.7807	21°42'47.66"	72°36'54.87"
165	PIPELINE	250mmøHDPE LINE(GWSSB)(FROM RAHIYAD SUMP TO WADIA HEADWORKS)	7747.49	-	-	253404.5883	2402962.2383	21°42'46.82"	72°36'58.54"
166	PIPELINE	Proposed VCM Pipeline (RIL To GFL)	7859.00	-	-	253504.9431	2402920.7126	21°42'45.52"	72°37'2.06"
167	PIPELINE	Ex.4" Ø .VCM CARBON STEEL PIPELINE(NFASL) FROM RIL DMD	7862.69	-	-	253506.9872	2402917.6405	21°42'45.42"	72°37'2.13"
168	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE	7868.14	-	-	253510.0062	2402913.1031	21°42'45.27"	72°37'2.24"
169	PIPELINE	EX.4"Ø ETHYLENE P/L RIL DMD TO SRF	7871.65	-	-	253511.9505	2402910.1808	21°42'45.18"	72°37'2.31"
170	PIPELINE	U/C 8"Ø GCPL TO ASIAN PAINT ETHYLENE	7876.75	-	-	253514.7745	2402905.9364	21°42'45.04"	72°37'2.41"
171	PIPELINE	24"Ø Amboli Dahej Pipeline	7890.55	-	-	253522.4189	2402894.4472	21°42'44.67"	72°37'2.68"
172	PIPELINE	EX.12"ø REPL DNEPL	7883.88	-	-	253518.7252	2402899.9987	21°42'44.85"	72°37'2.55"
173	PIPELINE	PROPOSED CHLORINE PIPELINE FROM GACL	7891.77	7894.48	2.71	253523.0947	2402893.4315	21°42'44.64"	72°37'2.7"
174	PIPELINE	PROPOSED 8"DIA.REPL DPEPL (ETHANE PIPELINE FROM RIL DMD TO PARVAT(MLV))	7894.31	-	-	253524.5029	2402891.3151	21°42'44.57"	72°37'2.75"
175	PIPELINE	24"Ø Amboli Dahej Pipeline	7940.66	-	-	253565.8635	2402879.0413	21°42'44.19"	72°37'4.2"
176	POWER LINE	11kV Power Line	8051.02	-	-	253675.8859	2402870.4461	21°42'43.97"	72°37'8.03"
177	ROAD	WBM ROAD TO MIRAS INDUSTRIES (SH-6-	8053.31	8061.69	8.38	253678.1745	2402870.3653	21°42'43.97"	72°37'8.11"
178	PIPELINE	PROPOSED CHLORINE PIPELINE FROM GACL	8099.56	-	-	253724.3937	2402868.7341	21°42'43.94"	72°37'9.72"
179	PIPELINE	PROPOSED VCM PIPELINE (RIL To GFL)	8442.67	-	-	254067.1673	2402855.4293	21°42'43.68"	72°37'21.64"
180	ROAD	ROAD(SH-6- CETP)	8471.24	8481.30	10.06	254095.7354	2402855.7534	21°42'43.7"	72°37'22.64"
181	PIPELINE	EX.MEGHMANI EFFLUENT LINE(2m DEPTH)	8484.15	-	-	254108.6448	2402855.8795	21°42'43.71"	72°37'23.09"
182	PIPELINE	U/G DRAINAGE LINE	8511.27	-	-	254135.7635	2402856.1442	21°42'43.73"	72°37'24.03"
183	PIPELINE	EX 250mmø PS A HDPE PIPE LINE	8515.88	-	-	254140.3733	2402856.1892	21°42'43.74"	72°37'24.19"
184	PIPELINE	EX 250mm PS 2 HDPE PIPE LINE	8517.02	-	-	254141.5132	2402856.2003	21°42'43.74"	72°37'24.23"
185	PIPELINE	EX GIDC PIPE LINE	8517.29	-	-	254141.7832	2402856.2030	21°42'43.74"	72°37'24.24"
186	PIPELINE	EX 500mmø PS 4 GIDC PIPE LINE	8517.85	-	-	254142.3432	2402856.2084	21°42'43.74"	72°37'24.26"
187	PIPELINE	EX 500mmø PS 5 1 GIDC EFFLUENT LINE	8520.37	-	-	254144.8631	2402856.2330	21°42'43.74"	72°37'24.35"
188	PIPELINE	EX 500mmø PS 5 1 GIDC EFFLUENT LINE	8522.36	-	-	254146.8530	2402856.2524	21°42'43.74"	72°37'24.41"
189	PIPELINE	EX 250mmø PS 5 1 GIDC EFFLUENT LINE	8526.20	-	-	254150.6928	2402856.2899	21°42'43.75"	72°37'24.55"
190	PIPELINE	EX GIDC PIPE LINE	8528.60	-	-	254153.0927	2402856.3134	21°42'43.75"	72°37'24.63"
191	PIPELINE	EX 250mmø PS 5 1 GIDC EFFLUENT LINE	8530.39	-	-	254154.8826	2402856.3308	21°42'43.75"	72°37'24.69"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
192	PIPELINE	EX.WSPL	8533.54	-	-	254158.0324	2402856.3616	21°42'43.75"	72°37'24.8"
193	PIPELINE	ABOVEGROND 300mm Ø HDPE EFFLUENT	8559.72	-	-	254184.2112	2402856.6171	21°42'43.77"	72°37'25.71"
194	PIPELINE	EX EFFLUENT PIPELINE	8567.64	-	-	254192.1308	2402856.6944	21°42'43.78"	72°37'25.99"
195	PIPELINE	U C 300mmø HDPE EFFLUENT PL TO NAVIN	8569.06	-	-	254193.5507	2402856.7083	21°42'43.78"	72°37'26.04"
196	PIPELINE	EX.10"ø LINDE TO MEGHMANI	8570.89	-	-	254195.3807	2402856.7262	21°42'43.78"	72°37'26.1"
197	Cable	66kV Suva-CETP line (3+1) 630 sqmm UG cable	8749.33	-	-	254373.7660	2402860.8485	21°42'44.01"	72°37'32.3"
198	PIPELINE	PROPOSED CHLORINE PIPELINE FROM GACL	8805.08	8808.80	3.72	254429.5111	2402861.5848	21°42'44.06"	72°37'34.24"
199	PIPELINE	EX.1000mmø GIDC WATER LINE	9037.17	-	-	254661.5104	2402867.1878	21°42'44.36"	72°37'42.31"
200	ROAD	ASPHALT ROAD (TO GIDC)	9063.43	9116.36	52.93	254687.7450	2402868.3414	21°42'44.41"	72°37'43.22"
201	POWER LINE	11kV Power Line	9065.30	-	-	254689.6132	2402868.4236	21°42'44.41"	72°37'43.28"
202	POWER LINE	11kV Power Line	9068.22	-	-	254692.5304	2402868.5518	21°42'44.42"	72°37'43.38"
203	PIPELINE	EX.4"ø WATER LINE	9096.89	-	-	254721.1727	2402869.8113	21°42'44.47"	72°37'44.38"
204	PIPELINE	EX 800mm GIDC WSPL GRP	9103.62	-	-	254727.8962	2402870.1070	21°42'44.48"	72°37'44.61"
205	PIPELINE	EX.1000mmø GIDC WATER LINE	9111.41	-	-	254735.6787	2402870.4492	21°42'44.5"	72°37'44.88"
206	CABLE	66kV U/G CABLE LUNA TO LINDE	9116.26	-	-	254740.5240	2402870.6622	21°42'44.51"	72°37'45.05"
207	PIPELINE	PROPOSED CHLORINE PIPELINE FROM GACL	9151.13	9156.72	5.59	254775.3583	2402872.1940	21°42'44.58"	72°37'46.26"
208	CART TRACK	CART TRACK	9275.09	9280.03	4.94	254899.2109	2402877.3959	21°42'44.81"	72°37'50.57"
209	PIPELINE	EX.4"ø WATER LINE	9376.94	-	-	255000.9804	2402881.4442	21°42'44.99"	72°37'54.1"
210	PIPELINE	EX 4 ETHYLENE PL RIL DMD TO SRF	9485.01	-	-	255108.9650	2402885.7398	21°42'45.18"	72°37'57.86"
211	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	9493.70	-	-	255117.6481	2402886.0852	21°42'45.2"	72°37'58.16"
212	CABLE	ELECTRIC CABLE	9496.06	-	-	255120.0063	2402886.1790	21°42'45.2"	72°37'58.24"
213	CABLE	ELECTRIC CABLE	9496.26	-	-	255120.2061	2402886.1870	21°42'45.2"	72°37'58.25"
214	ROAD	ASPHALT ROAD(SH-6- SRF)	9500.33	9516.40	16.07	255124.2729	2402886.3487	21°42'45.21"	72°37'58.39"
215	PIPELINE	Ex.710mm ø EFFLUENT P/L VILAYAT GIDC	9517.03	-	-	255140.9597	2402887.0125	21°42'45.24"	72°37'58.97"
216	Cable	66kV Suva-CETP line (3+1) 630 sqmm UG cable	9546.37	-	-	255156.8003	2402901.0470	21°42'45.7"	72°37'59.51"
217	H.T. LINE	66KV HT TOWER LINE	9549.76	-	-	255156.7793	2402904.4390	21°42'45.81"	72°37'59.51"
218	PIPELINE	PROPOSED 8"DIA.REPL DPEPL (ETHANE PIPELINE FROM RIL DMD TO PARVAT(MLV))	9799.54	-	-	255383.7747	2402930.3386	21°42'46.77"	72°38'7.39"
219	PIPELINE	EX.12"ø REPL DNEPL	9803.16	-	-	255387.3943	2402930.3908	21°42'46.77"	72°38'7.52"
220	PIPELINE	PROPOSED VCM PIPELINE (RIL TO GFL)	9819.89	-	-	255400.7453	2402924.4923	21°42'46.59"	72°38'7.98"
221	PIPELINE	PROPOSED 8inch dia. ETP PIPELINE	9824.35	-	-	255403.0789	2402920.6915	21°42'46.46"	72°38'8.07"
222	H.T. LINE	66KV HT TOWER LINE	9846.51	-	-	255417.2961	2402904.1214	21°42'45.93"	72°38'8.57"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
223	Cable	66kV Suva-CETP line (3+1) 630 sqmm UG cable	9851.38	-	-	255421.0959	2402901.0785	21°42'45.84"	72°38'8.7"
224	PIPELINE	Ex.710mm ø EFFLUENT P/L VILAYAT GIDC	9867.45	-	-	255436.7345	2402899.4532	21°42'45.79"	72°38'9.25"
225	PIPELINE	EX. 6"ø PVC WATER LINE	9899.45	-	-	255468.7238	2402898.7947	21°42'45.79"	72°38'10.36"
226	PIPELINE	EX. 300mm Ø WSPL	9920.86	-	-	255490.1331	2402898.9774	21°42'45.8"	72°38'11.11"
227	PIPELINE	U/C 500mm MS WSPL PL RESERVOIR TO	9925.07	-	-	255494.3429	2402899.0133	21°42'45.81"	72°38'11.25"
228	PIPELINE	U/G DRAINAGE PIPELINE	10074.64	-	-	255643.9075	2402900.2898	21°42'45.92"	72°38'16.45"
229	ROAD	RCC ROAD(SH-6- SRF)	10092.24	10101.47	9.23	255661.5068	2402900.4400	21°42'45.94"	72°38'17.07"
230	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	10101.98	-	-	255671.2465	2402900.5232	21°42'45.94"	72°38'17.4"
231	PIPELINE	3" Gas Pipeline from #176 to Jolva GGS	10110.08	-	-	255679.3460	2402900.5239	21°42'45.95"	72°38'17.69"
232	PIPELINE	EX.4"Ø OIL LINE FROM #102 (DJAP) TO #176	10450.54	-	-	256019.7780	2402896.1577	21°42'45.97"	72°38'29.53"
233	DRAIN	DRAIN	10686.44	10709.07	22.63	256255.6619	2402895.7504	21°42'46.08"	72°38'37.73"
234	ROAD	ASPHALT ROAD(SH-6- SUWA)	10709.07	10737.73	28.66	256278.2893	2402896.0937	21°42'46.1"	72°38'38.52"
235	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	10771.15	-	-	256322.7755	2402877.8823	21°42'45.53"	72°38'40.08"
236	CART TRACK	CART TRACK	10789.37	10809.27	19.90	256324.0509	2402859.7070	21°42'44.94"	72°38'40.13"
237	PIPELINE	3" Gas pipeline from #102 to Jolva GGS	10812.95	-	-	256325.7014	2402836.1848	21°42'44.18"	72°38'40.2"
238	PIPELINE	3" Flow Pipeline from #369 to Jolva GGS	10814.39	-	-	256325.8022	2402834.7484	21°42'44.13"	72°38'40.2"
239	PIPELINE	PROPOSED CHLORINE PIPELINE FROM GNAL	11201.97	11203.97	2.00	256355.1726	2402448.3056	21°42'31.59"	72°38'41.43"
240	PIPELINE	EX. 12"ø REPL DNEPL	11122.07	-	-	256347.6499	2402527.8487	21°42'34.17"	72°38'41.13"
241	PIPELINE	PROPOSED 8"DIA.REPL DPEPL (ETHANE PIPELINE FROM RIL DMD TO PARVAT(MLV))	11125.07	-	-	256347.9324	2402524.8620	21°42'34.07"	72°38'41.14"
242	PIPELINE	PROPOSED 8"DIA.REPL DPEPL (ETHANE PIPELINE FROM RIL DMD TO PARVAT(MLV))	11134.89	-	-	256348.8570	2402515.0856	21°42'33.75"	72°38'41.17"
243	PIPELINE	EX. 12"ø REPL DNEPL	11137.89	-	-	256349.1394	2402512.0989	21°42'33.66"	72°38'41.19"
244	ROAD	30m wide GIDC Road(to CSCI)	11216.04	11240.04	24.00	256356.0613	2402434.2659	21°42'31.13"	72°38'41.47"
245	CABLE	66kV SUWA-CETP line (3+1) 630 sqmm UG	11246.32	-	-	256363.5063	2402410.6761	21°42'30.37"	72°38'41.74"
246	H.T. LINE	220kv High Tension Line	11248.91	-	-	256366.0940	2402410.7852	21°42'30.37"	72°38'41.83"
247	CABLE	66 KV SUWA-ALKYL AMINES CABLE	11255.11	-	-	256372.2885	2402411.0463	21°42'30.38"	72°38'42.04"
248	CABLE	66kV Suwa-Kukdo line (3+1) 630 sqmm UG	11258.49	-	-	256375.6635	2402411.1886	21°42'30.39"	72°38'42.16"
249	PIPELINE	EX.125MM PE GGL PIPELINE	11261.40	-	-	256378.5729	2402411.3113	21°42'30.4"	72°38'42.26"
250	PIPELINE	EX.NITROGEN GAS PIPELINE LINDE TO	11426.96	-	-	256543.9860	2402418.2849	21°42'30.7"	72°38'48.01"
251	POWER LINE	11kV Power Line	11503.96	-	-	256620.9177	2402421.5283	21°42'30.85"	72°38'50.68"

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
252	ROAD	ROAD TO CHINA STEEL(INDUSTRIES-CHINA	11531.68	11560.15	28.47	256648.6131	2402422.6961	21°42'30.9"	72°38'51.65"
253	PIPELINE	PROPOSED CHLORINE PIPELINE FROM GNAL	11920.31	11922.85	2.54	257036.8961	2402439.0662	21°42'31.62"	72°39'5.14"
254	DRAIN	LINE DRAIN (ALONG GIDC ROAD)	12012.84	12013.76	0.92	257125.5747	2402438.9184	21°42'31.66"	72°39'8.23"
255	PIPELINE	EX.24" ø ADPL GSPL GAS P/L	12029.78	-	-	257126.0486	2402421.9850	21°42'31.11"	72°39'8.25"
256	PIPELINE	EX.24" ø ADPL GSPL GAS P/L	12256.99	-	-	257289.6127	2402430.8259	21°42'31.48"	72°39'13.94"
257	DRAIN	ASPHALTED ROAD GIDC (30M WIDE)(INDUSTRIES- INDUSTRIES)	12269.42	12299.16	29.74	257289.7223	2402443.2554	21°42'31.88"	72°39'13.93"
258	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE	12291.08	-	-	257289.9134	2402464.9146	21°42'32.59"	72°39'13.93"
259	PIPELINE	Proposed 8inch Dia. ETP Pipeline from DCTL to 40 MLD CETP	12296.05	-	-	257289.9572	2402469.8844	21°42'32.75"	72°39'13.93"
260	PIPELINE	PROPOSED CHLORINE PIPELINE FROM GNAL	12304.94	12307.79	2.85	257295.7618	2402473.2561	21°42'32.86"	72°39'14.13"
261	CART TRACK	CART TRACK	12475.21	12481.28	6.07	257465.8549	2402481.0311	21°42'33.2"	72°39'20.04"
262	PIPELINE	3" Gas Pipeline from #299 to Jolva GGS	12996.21	-	-	257986.5337	2402497.3859	21°42'33.99"	72°39'38.14"
263	POWER LINE	11kV Power Line	13019.80	-	-	258009.4256	2402503.0823	21°42'34.18"	72°39'38.93"
264	POWER LINE	11kV Power Line	13225.54	-	-	258205.2664	2402565.7923	21°42'36.32"	72°39'45.71"
265	PIPELINE	EX 500mm GIDC WSPL	13235.47	-	-	258214.6759	2402568.9650	21°42'36.43"	72°39'46.03"
266	PIPELINE	6"Ø Kilburn Spurline	13236.96	-	-	258216.0878	2402569.4411	21°42'36.44"	72°39'46.08"
267	ROAD	ASPHALTED ROAD GIDC (45M WIDE) (INDUSTRIES- INDUSTRIES)	13219.26	13267.66	48.40	258199.3155	2402563.7858	21°42'36.25"	72°39'45.5"
268	PIPELINE	GAIL 4 inch dia GAS LINE FROM DVPL-II TOP at Ch-16.6km to UPL-12	13263.02	-	-	258240.7818	2402577.7674	21°42'36.72"	72°39'46.94"
269	PIPELINE	EX.710mm ø EFFLUENT PIPELINE VILAYAT	13265.64	-	-	258243.2645	2402578.6045	21°42'36.75"	72°39'47.02"
270	DRAIN	LINED DRAIN GIDC	13269.64	13294.24	24.60	258247.0548	2402579.8825	21°42'36.8"	72°39'47.15"
271	PIPELINE	PROPOSED EFFLUENT FROM D2 DCTL TO	13315.76	-	-	258290.7574	2402594.6182	21°42'37.3"	72°39'48.67"
272	CABLE	66 KV GETCO CABLE TO GFL-1	13301.82	-	-	258277.5481	2402590.1643	21°42'37.15"	72°39'48.21"
273	CABLE	66 KV GETCO CABLE TO GFL-2	13302.70	-	-	258278.3819	2402590.4454	21°42'37.15"	72°39'48.24"
274	CABLE	66 KV GETCO CABLE (KILBURN)	13314.56	-	-	258289.6203	2402594.2348	21°42'37.28"	72°39'48.63"
275	PIPELINE	90 MLD 900mm 2 PL SAYKHA CETP TO Z-93 PLOT EFFLUENT PL CORRIDOR	13314.56	-	-	258289.6203	2402594.2348	21°42'37.28"	72°39'48.63"
276	PIPELINE	EX 32 INCH DGEN RAW WSPL GIDC	13331.35	-	-	258305.5302	2402599.5993	21°42'37.47"	72°39'49.18"
277	H.T. LINE	220KV H.T. POWER LINE	13334.72	-	-	258308.7236	2402600.6760	21°42'37.5"	72°39'49.29"
278	CABLE	66 KV GETCO CABLE (SUWA-SAMBHETI 1)	13342.56	-	-	258316.1526	2402603.1810	21°42'37.59"	72°39'49.54"
279	CABLE	66 KV GETCO CABLE (SUWA-SAMBHETI 2)	13343.21	-	-	258316.7686	2402603.3887	21°42'37.59"	72°39'49.57"
280	PIPELINE	EX.1100MM DIA 8 MGD WSPL RIL	13346.83	-	-	258320.1988	2402604.5453	21°42'37.63"	72°39'49.68"

Detailed Feasibility Report: Proposed 4"Ø Ethylene Pipeline from RIL DMD to DCTL

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
281	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC	13351.28	-	-	258324.4156	2402605.9671	21°42'37.68"	72°39'49.83"
282	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	13355.23	-	-	258328.1585	2402607.2291	21°42'37.72"	72°39'49.96"
283	PIPELINE	EX 160mmHDPE EFFLUENT PL	13358.39	-	-	258331.1529	2402608.2388	21°42'37.76"	72°39'50.06"
284	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL TO CH-17	13367.37	-	-	258337.3819	2402607.2009	21°42'37.73"	72°39'50.28"
285	PIPELINE	Proposed 4" Ø Hydrogen Line DCTL TO GNAL"	13369.40	-	-	258337.7634	2402605.2070	21°42'37.66"	72°39'50.29"
286	H.T. LINE	220KV H.T. POWER LINE	13372.92	-	-	258338.4248	2402601.7497	21°42'37.55"	72°39'50.32"
287	CABLE	66 KV GETCO CABLE (ATC Tires Pvt. Ltd.)	13377.23	-	-	258339.2347	2402597.5165	21°42'37.41"	72°39'50.35"
288	CABLE	66 KV GETCO CABLE (SUWA-GALENDA 1)	13379.57	-	-	258339.6744	2402595.2182	21°42'37.34"	72°39'50.37"
289	CABLE	66 KV GETCO CABLE (SUWA-GALENDA 2)	13380.17	-	-	258339.7872	2402594.6289	21°42'37.32"	72°39'50.37"
290	PIPELINE	GAIL 4 inch dia GAS LINE FROM DVPL-II TOP at Ch-16.6km to UPL-12	13381.42	-	-	258340.0221	2402593.4012	21°42'37.28"	72°39'50.38"
291	PIPELINE	6" China Steel Connectivity	13391.44	-	-	258341.9050	2402583.5597	21°42'36.96"	72°39'50.45"
292	PIPELINE	24" Amboli Dahej pipeline	13395.29	-	-	258342.6284	2402579.7782	21°42'36.84"	72°39'50.48"
293	PIPELINE	EX.1.344mØ Product Water MS Line (L&T)	13412.77	-	-	258345.9131	2402562.6096	21°42'36.28"	72°39'50.6"
294	PIPELINE	PROPOSED 350mm Ø DI EFFLUENT PIPELINE	13433.46	-	-	258347.4968	2402542.1410	21°42'35.62"	72°39'50.67"
295	PIPELINE	4" Flow Pipeline from #102 to Jolva GGS	13597.96	-	-	258337.4355	2402377.9491	21°42'30.28"	72°39'50.4"
296	PIPELINE	3" Flow Pipeline from #369 to Jolva GGS	13615.06	-	-	258336.4559	2402360.8772	21°42'29.72"	72°39'50.38"
297	PIPELINE	3" Gas Pipeline from #299 to Jolva GGS	13631.37	-	-	258335.5216	2402344.5939	21°42'29.19"	72°39'50.35"
298	H.T. LINE	220KV H.T. POWER LINE	13751.10	-	-	258318.4757	2402228.0476	21°42'25.4"	72°39'49.82"
299	PIPELINE	EX 160mmHDPE EFFLUENT PL	13787.48	-	-	258300.6170	2402196.3526	21°42'24.36"	72°39'49.22"
300	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	13790.47	-	-	258299.1492	2402193.7477	21°42'24.27"	72°39'49.17"
301	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC	13796.41	-	-	258296.2333	2402188.5726	21°42'24.1"	72°39'49.07"
302	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC	13836.17	-	-	258293.2825	2402150.7486	21°42'22.87"	72°39'48.99"
303	H.T. LINE	220KV H.T. POWER LINE	13840.23	-	-	258295.0012	2402147.0703	21°42'22.75"	72°39'49.05"
304	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	13840.76	-	-	258295.2255	2402146.5901	21°42'22.74"	72°39'49.06"
305	PIPELINE	EX 160mmHDPE EFFLUENT PL	13843.33	-	-	258296.3135	2402144.2617	21°42'22.66"	72°39'49.1"
306	PIPELINE	PROPOSED RAW WSPL RESERVOIR TO D2-	13849.46	-	-	258298.9084	2402138.7081	21°42'22.48"	72°39'49.19"
307	PIPELINE	Proposed Pipeline From D1 TO D2 3No's	13892.17	13894.18	2.01	258316.9881	2402100.0135	21°42'21.24"	72°39'49.84"
308	PIPELINE	Proposed 6" Ø GGL Gas Pipeline to DCTL	13898.02	-	-	258319.4645	2402094.7135	21°42'21.06"	72°39'49.93"
309	PIPELINE	EX 350mmØ EFFLUENT	13912.51	-	-	258325.5983	2402081.5858	21°42'20.64"	72°39'50.15"
310	DRAIN	LINED DRAIN	13923.08	13934.68	11.60	258330.0728	2402072.0096	21°42'20.33"	72°39'50.31"
311	PIPELINE	EX 900mm EFFLUNT PL(ABOVEGROUND)	13940.33	-	-	258337.3749	2402056.3814	21°42'19.83"	72°39'50.57"

Detailed Feasibility Report: Proposed 4"Ø Ethylene Pipeline from RIL DMD to DCTL

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)		WGS-84 Co-ordinates(deg-min-sec)	
			Start	End		Easting	Northing	Latitude	Longitude
312	PIPELINE	EX.42"Ø DVPL GAIL GAS LINE	13948.81	-	-	258340.9646	2402048.6986	21°42'19.58"	72°39'50.7"
313	PIPELINE	EX.48"Ø DVVPL GAIL GAS LINE	13956.14	-	-	258344.0675	2402042.0578	21°42'19.37"	72°39'50.81"
314	PIPELINE	EX.4"Ø GNFC TO FILATEX GAIL GAS PIPELINE	13971.31	-	-	258350.4892	2402028.3140	21°42'18.92"	72°39'51.04"
315	PIPELINE	Proposed Pipeline From D1 TO D2 3No's Pipeline (2M Wide Corridor) (INSIDE DCTL)	14029.94	14031.94	2.00	258399.0367	2402042.2971	21°42'19.4"	72°39'52.72"
316	PIPELINE	4" Flow Pipeline from #201 to Jolva GGS	14102.18	-	-	258463.9622	2402073.9719	21°42'20.46"	72°39'54.96"
317	PIPELINE	3" water injection from #378 to Jolva GGS	14109.78	-	-	258470.7927	2402077.3043	21°42'20.57"	72°39'55.2"
318	ROAD	SHIFTED ROAD 12M WIDE (INSIDE DCTL)	14263.64	14277.07	13.43	258608.4143	2402142.8615	21°42'22.77"	72°39'59.95"
319	PIPERACK	SPACE FOR PIPERACK/SLEEPERS (INSIDE DCTL)	14357.89	14367.50	9.61	258649.4271	2402058.0027	21°42'20.03"	72°40'1.42"
320	PIPELINE/CABLE	UG FACILITIES-STROM AND FIRE WATER-STREET LIGHT (INSIDE DCTL)	14367.50	14368.49	0.99	258656.2292	2402056.8405	21°42'20"	72°40'1.66"
321	PIPELINE/CABLE	UG FACILITIES-STROM AND FIRE WATER-STREET LIGHT (INSIDE DCTL)	14368.49	14369.00	0.51	258656.6412	2402055.9403	21°42'19.97"	72°40'1.67"
322	ROAD	9M WIDE ROAD (INSIDE DCTL)	14369.51	14380.21	10.70	258657.0658	2402055.0129	21°42'19.94"	72°40'1.69"
323	CABLE	ELECTRICAL & NON-ELECTRICAL CABLES (INSIDE DCTL)	14379.01	14381.01	2.00	258661.0199	2402046.3749	21°42'19.66"	72°40'1.83"
324	DRAIN	DRAIN (INSIDE DCTL)	14381.89	14382.89	1.00	258662.2187	2402043.7562	21°42'19.58"	72°40'1.87"
325	PIPELINE/CABLE	UG FACILITIES-STROM AND FIRE WATER-STREET LIGHT (INSIDE DCTL)	14382.89	14383.51	0.62	258662.6349	2402042.8470	21°42'19.55"	72°40'1.89"
326	ROAD	ACCESS WAY (INSIDE DCTL)	14416.08	14424.97	8.89	258663.2513	2402009.7913	21°42'18.47"	72°40'1.93"
327	ROAD	6m WIDE ROAD (INSIDE DCTL)	14456.08	14464.97	8.89	258663.2513	2401969.7913	21°42'17.17"	72°40'1.95"
328	ROAD	6m WIDE ROAD (INSIDE DCTL)	14538.25	14544.33	6.08	258670.6184	2401894.2430	21°42'14.72"	72°40'2.24"

SCHEMATIC DIAGRAM

Ex. 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)(API 5L GR X42 PSL1 3LP)

START POINT
RELIANCE INDUSTRIES LTD.
(RIL DMD)
Ch:0.0km

EX. 4"Ø ETHYLENE PIPELINE

EX. 4"Ø ETHYLENE PIPELINE FROM RIL DMD TO D2

RECEIVING POINT AT
DEEPAK CHEM TECH LTD.
(D2)
LAID LENGTH 14.72km

SR NO	Crossing Methodology	Length(m)
1	HDD	6231.14
2	Aboveground	12.00
3	Open-cut	7167.86
	Total	13399.00

SR NO	Description of Terminal/Station	Quantity(No.)
1	Insulating Joint	01
2	Ethylene Compressor For MEA	01
	Total	02

SR NO	Description	Quantity(No.)
1	Road	21
2	Cart Track	04
2	Pipeline	224
3	Cable	29
4	Drain	08
5	Power Line	16
6	H.T Line	19
	Total	321

LEGEND:-
- Ex.4"Ø Ethylene Pipeline
- ROAD
- EX.PIPELINES
- H.T LINE / POWER LINE
- DRAIN
- CABLE
- CART TRCK
- INDUSTRIES

No.	Date	Revision	Prepared by	Checked by	Approved by
R0	30.05.26	ISSUED FOR APPROVAL	PURVI	P.R.S.	MND

CLIENT :

Deepak Chem Tech Ltd.
(Formerly Known as Deepak Clean Tech Limited)
Plot No. D-II/6/1 And D-II/6/1/A Dahej-II Industrial Estate Dahej
Rahiyad Village Bharuch Gujarat 392130 - INDIA

PROJECT :

Ex. 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited(DCTL) (API 5L GR X42 PSL1 3LP)

SECTION :

From RIL DMD To Deepak Chem Tech Limited (D2)

TITLE :

SCHEMATIC DIAGRAM

Surveyed & Prepared by :-
DESHPANDE - PATIL CONSULTANTS
(...Since 1988.... Survey of pipelines ....Nations lifelines)
(LAND / TOPOGRAPHIC SURVEYS, PIPE LINE SURVEY, GPR SURVEY, SOIL INVESTIGATION, ROU & STATUTORY CLEARANCES)
CORPORATE OFFICE: 36, "SHESHACHAL", AJANTA NAGAR, BHARUCH - 392 001,(GUJ).
BASE CAMP : 26, MAHAVIR NAGAR, NR. SAI GANESH TEMPLE, BHARUCH - 392 001, GUJARAT
Phone: (02642) 250052,Fax No.: (02642) 250052, E-mail : dpcsurvey@yahoo.com,dpcsurvey36@gmail.com

Scale	Job No.	Drawing / Document No.	Sheet	Rev.
N.T.S.	DPC/DCTL/26	DPC - DCTL - Ethylene P/L - RIL TO D2 - SM - 01	1 of 1	R0

भारत सरकार/Government of India
वाणिज्यक और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोयटक सुरक्षा संगठन (पेसो)/Petroleum & Explosives Safety Organisation (PESO)
5th Floor, A-Block, CGO Complex, Seminary Hills,
Nagpur - 440006

ई-मेल /E-mail :
explosives@explosives.gov.in
फोन/फैक्स नं./Phone/Fax No : **0712 -2510248,**
Fax-2510577

संख्या/No : A/M/HQ/GJ/PL/99 (P601810) दिनांक /Dated: **06/02/2025**

सेवा मे/To,

M/s. DEEPAK CHEM TECH LIMITED,
Aditya-II, 4TH Floor, Chhani Road,,
Vadodara-390024
Vadodara,
Vadodara,
Taluka: Vadodara,
District: VADODARA
State: Gujarat
PIN: 390024

विषय /Sub : MSIHC-1989 के अंतर्गत Dia 4.0000 Inch X Length 14.0000000 km [From Reliance Industries Ltd, Dahej Manufacturing Dvn. To Deepak Chem Tech Ltd, Rahiyad, Dahej GIDC]. having Product Name Etylene pipeline SurveyNo:- Plot No. D-II/6/1 & 6/1/A GIDC, Dahej-II Industrial Estate, Dahej, Village-Rahiyad, Taluka-Vagra, Taluka. Vagra Dist. BHARUCH State Gujarat Pincode :- 392130 से SurveyNo:- Deepak Chem Tech Ltd., Plot No. D-2/6/1 and D-2/6/ Taluka. Vagra Dist. BHARUCH State Gujarat Pincode :- 392130 तक बिछाने की स्वीकृति/अनुमति- के बारे में /
Approval for laying of Dia 4.0000 Inch X Length 14.0000000 km [From Reliance Industries Ltd, Dahej Manufacturing Dvn. To Deepak Chem Tech Ltd, Rahiyad, Dahej GIDC]. having Product Name Etylene pipeline from SurveyNo:- Plot No. D-II/6/1 & 6/1/A GIDC, Dahej-II Industrial Estate, Dahej, Village-Rahiyad, Taluka-Vagra, Taluka. Vagra Dist. BHARUCH State Gujarat Pincode :- 392130 to SurveyNo:- Deepak Chem Tech Ltd., Plot No. D-2/6/1 and D-2/6/ Taluka. Vagra Dist. BHARUCH State Gujarat Pincode :- 392130, under MSIHC-1989 reg.

महोदय /Sir(s),

उपरोक्त विषय पर कृपया आपके पत्र क्रमांक **OIN1904392** दिनांक **22/01/2025**, का संदर्भ ग्रहण करें। /Please refer to your letter No. **OIN1904392** dated **22/01/2025**, on the above subject.

विषयक पाइपलाइन बिछाने के आपके प्रस्ताव को MSIHC-1989 के तहत अनुमोदित किया जाता है और ड्राइंग की प्रतियां निम्नलिखित शर्तों के साथ, अनुमोदन के टोकन के रूप में विधिवत रूप से पृष्ठांकित की जाती हैं-/06 February 2025Your proposal for laying of subject pipeline is approved under the MSIHC-1989 and copies of the drawing are retuned herewith duly endorsed in token of approval **with the following conditions.**

Your proposal for laying of subject pipeline is approved under the and copies of the drawing are retuned herewith duly endorsed in token of approval with the following conditions.

Following documents to be submitted at the time of commissioning approval. **a**) Application under schedule 7 and safety report under schedule 8 of MSIHC Rules duly filled in and signed. **b**) Detailed S.O.Ps , Onsite Emergency Plan, scheme of patrolling of ROU and systems of continuous health monitoring of pipeline for perusal and record of this office. **c**) Pre-commissioning safety Audit report, including compliance of recommendations made their under. **d**) HAZOP study report, RRA report (**including all distribution Pipelines**), as built P & I diagram including close out report of HAZOP & RRA study shall be furnished. **e**) Necessary clearances from ministry of environment & forest, state pollution control board etc.

Please submit surge analysis report along with the mitigation measure if any.

Pipeline shall be laid after obtaining ROW/ROU, crossing permissions from the concerned authorities.

Necessary licenses in Form LS-1A of SMPV(U) Rule, 2016 are obtained for the compressed gas storage vessels provided at each location.

After completion of the laying of entire stretch of pipeline and all associated facilities the same should be hydro tested according to the applicable code, and detailed hydro test report be submitted to this office together with four sets of "As built" drawings (Without any ink/hand corrections) to enable this office to accord to permission for commissioning the pipeline as required under Manufacture Storages & Import of Hazardous chemical rule.

This approval/permission does not absolve you from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

After completion of the laying, you are advised to approach the Jt. Chief Controller of Explosives Vadodara office for inspection.

All due precautions and keeping appropriate Fire Fighting facilities in readiness of use during emergency shall be ensured & all necessary safety precautions shall be taken to prevent accident.

Please submit point wise compliance of the above mentioned points along with covering letter at the time of Pipeline commissioning application.

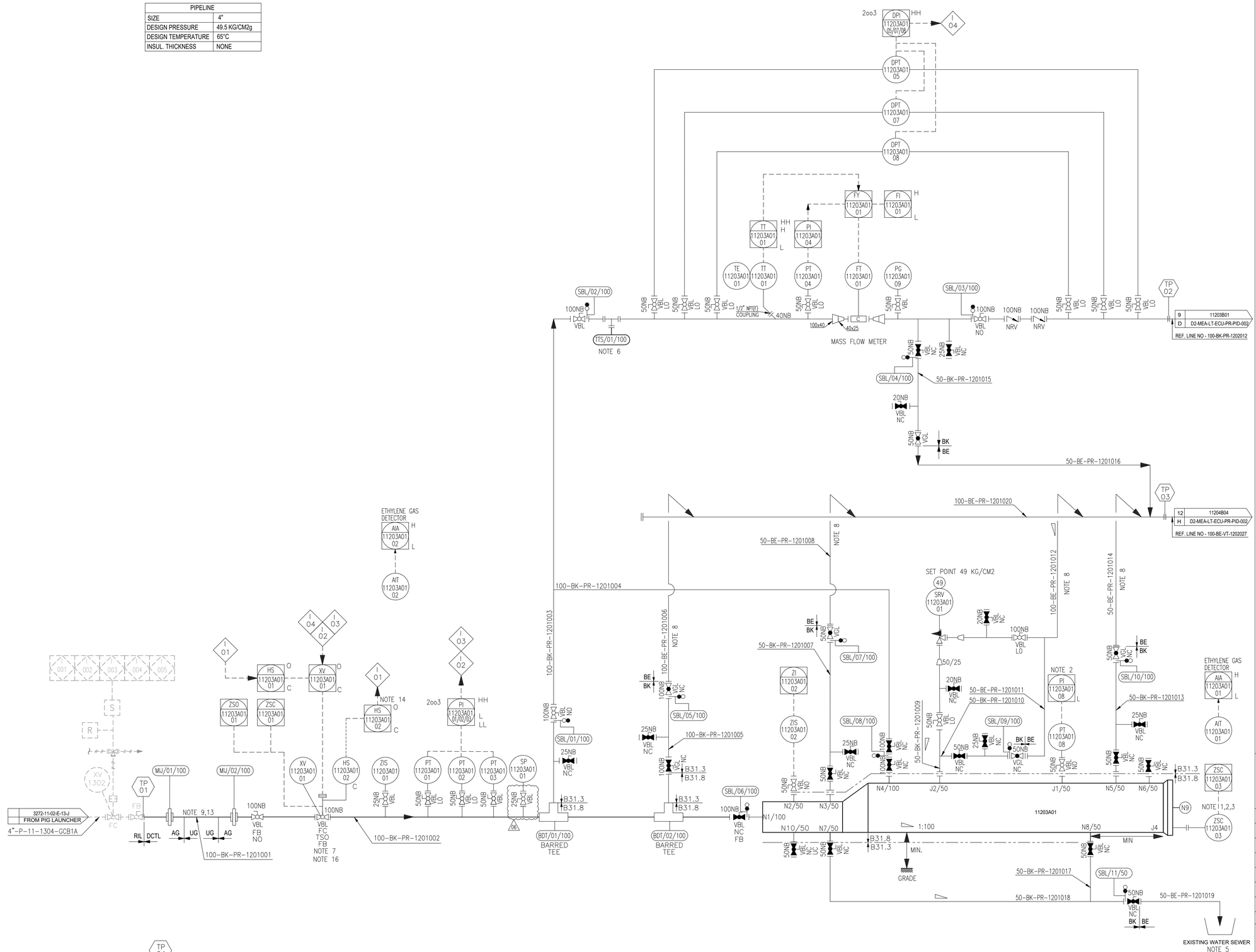
भवदीय,/Yours faithfully,

(PRASHANT YADAV)
Dy. Controller of Explosives
For Chief Controller of Explosives
Nagpur

(स्थिति, शुल्क और अन्य विवरणों के बारे में अधिक जानकारी के लिए कृपया हमारी वेबसाइट http://peso.gov.in देखें)/
(For more information regarding status, fees and other details please visit our website http://peso.gov.in)

नोट:- यह सिस्टम जनित दस्तावेज है जिसके लिए हस्ताक्षर की आवश्यकता नहीं है। /
Note:-This is system generated document does not require signature.

PIPELINE	
SIZE	4"
DESIGN PRESSURE	49.5 KG/CM2g
DESIGN TEMPERATURE	65°C
INSUL. THICKNESS	NONE



GENERAL NOTES

NOTES:

1. END CLOSURE INCLUDES INTEGRAL PRESSURE INTERLOCK AND BLEED SCREW SUCH THAT THE DOOR CAN NOT BE OPENED WHEN THE RECEIVER IS PRESSURISED. THE BLEED SCREW PROVIDES CONFIRMATION OF LACK OF PRESSURE.
2. PIG LAUNCHER DOOR OPEN PERMISSIVE ALARM TO BE ACTIVATED ONLY WHEN THE PRESSURE IS 0 kg/cm2g.
3. MECHANICAL CLOSE INDICATION OF DOOR.
4. –
5. WATER AFTER HYDROTEST TO BE DRAINED IN TO NEAREST STORM WATER SEWER. NO HYDROCARBON LIQUID DRAIN IS EXPECTED.
6. "40 MESH T TYPE" STRAINER PROVIDED TO AVOID ANY PIPELINE CORROSION PARTICLE TRAVELING TO DOWNSTREAM EQUIPMENT.
7. ON–OFF VALVE WITH PROVISON OF OPERATION FROM DCS/PLC AND FIELD.
8. DO NOT POCKET.
9. LINE SHOULD BE DESIGNED FOR INTELLIGENT PIGGING. LINE TO HAVE MINIMUM 7D BENDS TO ALLOW FOR SCRAPING.
10. NITROGEN TO NEAREST UTILITY HOSE STATION.
11. TUBING IS PROVIDED TO THE INDIVIDUAL VALVE.
12. ALL INTERLOCKS ARE DCS INTERLOCKS.
13. UG PIPELINE 3LPE COATED.
14. DCS INDICATION OF FIELD ON–OFF SWITCH.
15. NITROGEN , INSTRUMENT AIR IS GIVEN AS SERVICE POINT FOR ETHYLENE PIG RECEIVER.
16. INSTRUMENT AIR FOR XV–11203A01–01 SHOULD BE TAKEN FROM 25–HB–IA–1219004 INSTRUMENT MANIFOLD.

INTERLOCKS	CAUSES	ACTION	SET VALUES
I–01	MANUAL ACTION ON HS–11203A01–01 & HS–11203A01–02	CLOSE XV 11203A01–01	–
I–02	HIGH HIGH PRESSURE, PT–11203A01–01/02/03	CLOSE XV 11203A01–01	35 BARG
I–03	LOW LOW PRESSURE, PT–11203A01–01/02/03	CLOSE XV 11203A01–01	25 BARG
I–04	HIGH HIGH DIFFERENTIAL PRESSURE, DPI–11203A01–05	CLOSE XV 11203A01–01	3 BAR

TIE POINTS	FROM	TO
TP–1	BATTERY LIMIT (RIL)	DCTL (PIG RECEIVER)
TP–2	PIPELINE	ETHYLENE RECEIVER
TP–3	PIPELINE VENT	TO KNOCK OUT POT 11204B04
TP–4	NITROGEN HEADER	PIG RECEIVER (USS)

PIG RECEIVER	
TAG NO	11203A01
SIZE	4"X6" DIAMETER, 4.0 M LENGTH
DESIGN PRESSURE	49.5 KG/CM2g
DESIGN TEMPERATURE	65°C
INSUL. THICKNESS	NONE
TRIM	100–BE–PR–1201024

LAST LINE NUMBER USED : 100–BE–PR–1201024
DELETED LINE NO : 25–BE–CA–1201023
25–HB–IA–1201022

REV.	DATE	DESCRIPTION	PREP	CHKD	APVD
06	27/05/26	ISSUED FOR CONSTRUCTION	HPP	PDD	BRD
05	07/07/25	REVISED AS PER COMMENTS	HPP	PDD	BRD
04	18/03/25	REVISED AS MARKED	HPP	PDD	BRD
03	04/02/25	REVISED AS PER COMMENTS	HPP	PDD	BRD
02	22/01/25	REVISED AS PER COMMENTS	HPP	PDD	BRD
01	27/12/24	REISSUED FOR REVIEW	HPP	PDD	BRD
00	12/11/24	ISSUED FOR REVIEW	HPP	PDD	BRD

CLIENT
DEEPAK CHEM TECH LIMITED (DCTL)
Vadodara

CONSULTANT:
VITEC ENGINEERING CONSULTANTS
Thane, Maharashtra

PROJECT :
LAYING WORKS FOR ETHYLENE PIPELINE FROM RIL DMD TO DCTL

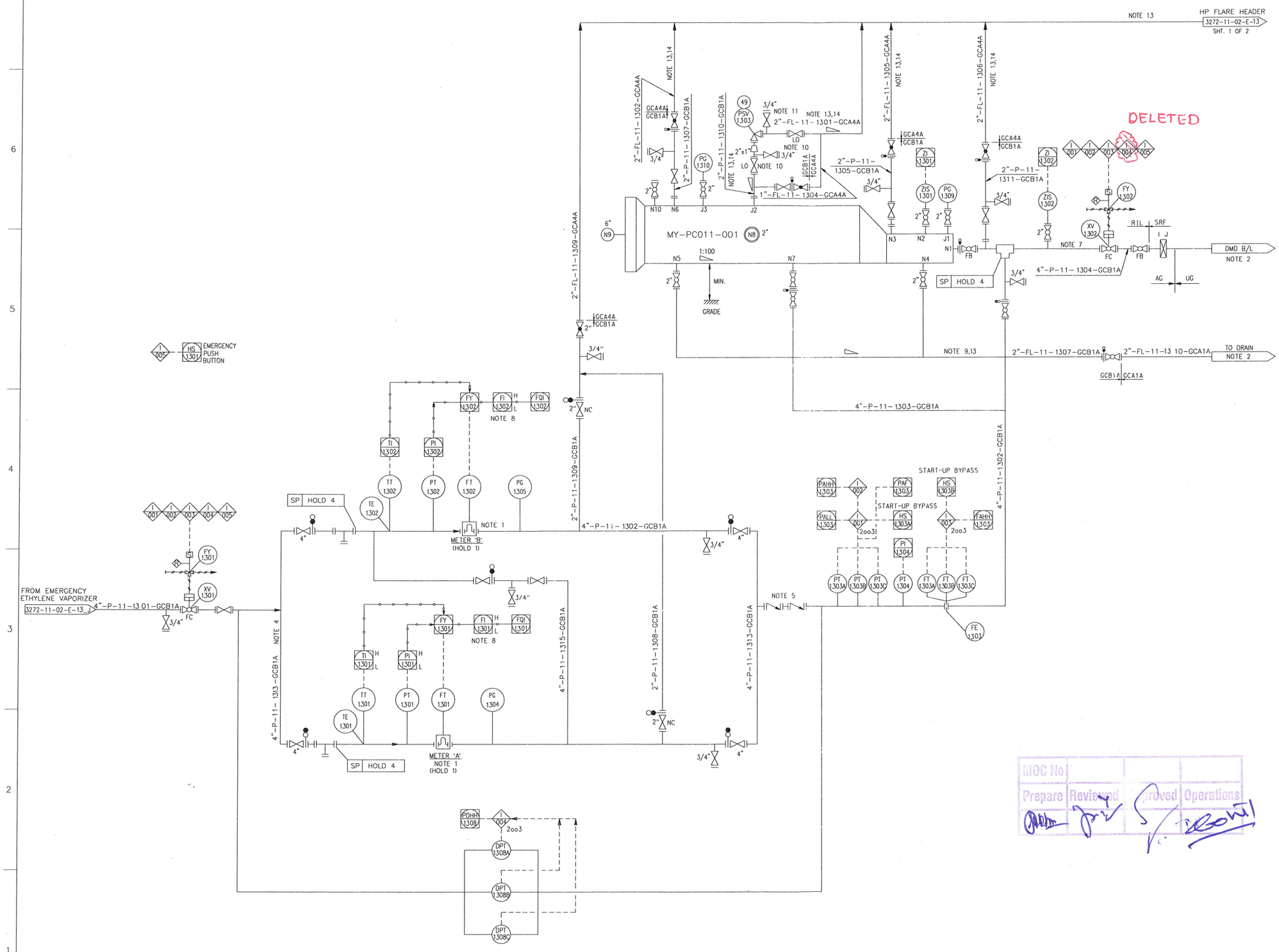
DRAWING TITLE: P&ID FOR LAYING WORKS FOR ETHYLENE PIPELINE FROM RIL DMD TO DCTL

SCALE:	DRAWING No.:	REV
AS SHOWN	D2–MEA–V–ECU–PR–PID–001	
	SHEET: 1 OF 1	06

CONFIDENTIAL: THIS DRAWING IS THE PROPERTY OF VITEC ENGINEERING CONSULTANTS. IT SHALL NOT BE COPIED OR USED WITHOUT PERMISSION OF THE OWNER.

SIZE A1

MY-PC011-001
4"X6" DIAMETER,3.44M LENGTH
DESIGN : 49 kg/cm2g@65°C
INSUL. THICKNESS : NONE
TRIM : P-11-1306-GCB1A



NOTES:-

1. STANDARD CUSTODY TRANSFER METERS, BOTH INSTALLED, ONE WORKING & ONE STANDBY PRINCIPLE. ARRANGEMENT SHALL BE PROVIDED THAT BOTH CTMs CAN BE OPERATED IN SERIES FOR CALIBRATION.
2. DMD SITE TO CONFIRM CONNECTING P&ID TIE-IN LOCATION.
3. DELETED.
4. SYMMETRICAL PIPING.
5. DISSIMILAR TYPE CHECK VALVE.
6. ALL INTERLOCKS ARE DCS INTERLOCKS AS NO ESD SYSTEM IN PIG LAUNCHER AREA AT DMD.

INTERLOCK	CAUSE	ACTION
I-001	LOW LOW PRESSURE	CLOSE XV-1301 & XV-1302
I-002	HIGH HIGH PRESSURE	CLOSE XV-1301 & XV-1302
I-003	HIGH HIGH FLOW	CLOSE XV-1301 & XV-1302
I-004	HIGH HIGH DIFFERENTIAL PRESSURE	CLOSE XV-1301 & XV-1302
I-005	EMERGENCY PUSH BUTTON	CLOSE XV-1301 & XV-1302

A. I-1 FOR LOW PRESSURE SCENARIO TO AVOID REVERSE FLOW.
B. I-2 TO PROTECT PSV OUTLET FLARE LINES FROM NEGATIVE TEMPERATURE WHILE DEPRESSURING FROM 49 KG/CM2.G TO ATMOSPHERIC PRESSURE FOR BLOCKED IN OVER-PRESSURE SCENARIO.
C. I-3 HIGH FLOW SCENARIO DUE TO DOWNSTREAM LINE RUPTURE.
D. I-4 HIGH DIFFERENTIAL PRESSURE TO PROTECT REVERSIBLE FLOW.
E. I-5 EMERGENCY PUSH BUTTON.

7. LINE SHOULD BE DESIGNED FOR INTELLIGENT PIGGING. LINE TO HAVE MINIMUM 7D BENDS TO ALLOW FOR SCRAPING.
8. FLOW METER SIGNALS SHALL GO TO DCS & FROM DCS, READINGS SHALL BE REPEATED IN CLIENT SYSTEM THROUGH GPS. THIS SCOPE, RIL DCS TO CLIENT SYSTEM WILL BE WITH CLIENT.
9. DRAIN LINE FROM NOZZLES N4 & N5 SHALL BE UTILIZED AS BALANCE LINE ALSO.
10. VALVE TO BE ORIENTED SUCH THAT VALVE STEM TO BE HORIZONTAL.
11. SAFE OPERATION OF ANY SYSTEM WITH BLOCK VALVES IN PSV INLET OR OUTLET REQUIRES ADMINISTRATIVE CONTROLS WHICH ARE UNDER THE CONTROL AND RESPONSIBILITY OF THE OWNER.
12. DELETED.
13. DO NOT POCKET.
14. CONNECTION ON TOP OF PIPE.

HOLDS:-

1. TYPE OF METER.
2. SIZE OF PSV, PSV INLET & OUTLET LINE SIZES TO BE CONFIRMED DURING DETAIL ENGINEERING.
3. DELETED.
4. SPECIALITY ITEM TAG NUMBER.

5-6. DELETED.

REMARKS:-
1. THIS P&ID DERIVED FROM 3272-11-02-E-012 (2/2) REV.1

REV.	DATE	REVISION	BY	CHECK	APPD.	HOD	PROJ ENG	CLIENT
	11/04/24	ISSUED FOR REVIEW						
00	28/09/18	ISSUED FOR APPROVAL	AS	MR	GV	SC		
A	12/09/18	INTER DISCIPLINARY CHECK	AS	MR	GV	SC		

DRAWN: SACHIN | CHECKED: MANGESH | APPROVED:

Reliance Industries Limited
DAHEJ MANUFACTURING DIVISION
(M.P.C.)

N.T.S	G26001	G42-PC011-013 SHT.2OF2	00

THIS DRAWING IS UPDATED BY REG (MEC)

REV.	DATE	REVISION DESCRIPTION	STATUS	DRN. BY	CHK'D BY	APPR. BY	AUTH. BY
1	20.08.18	ISSUED FOR PDP	IFP	BG	PS	SDK	GDG
0	16.08.18	ISSUED FOR REVIEW	IFR	BG	PS	SDK	GDG

RELIANCE INDUSTRIES LIMITED
(RPMG-CORE PROCESS ENGINEERING)

PROJECT: ETHYLENE LINE TO DEEPAK CHEM TECH LTD.

DRAWING TITLE: PIPING AND INSTRUMENTATION DIAGRAM
PIG LAUNCHER & CTM

JOB NO.	DRAWING NUMBER	REV.
3272	11-02-E-013	00
SCALE	FILE NO.	CWP

MOC No
Prepare | Reviewed | Approved | Operations

Annexure-2

Format for Submission of views on the Proposal for
<Name of the Pipeline (*)>

Views in respect of the Proposal		<Indicate reference of the proposal>
1	Name of the entity/person	
2	Complete address	
3	E-mail ID/ telephone / fax	
4	Identification proof (in case of an individual person)	
5	Views and suggestions related to:	
a)	Petroleum Product (ATF) Pipeline proposed	
b)	Other aspects of the proposal	
c)	Any other issue	

(*) To be separately submitted for each pipeline.

Date:

Place:

Name and Signature of Entity/ Individual Person
Official Seal (in case of Entity)