

PNGRB ERDMP Regulations 2010, Amendments 2020
Hindustan Petroleum Corp. Ltd. : Comments / Suggestions

Sr no	Clause No	Clause Description	Proposed Amendment	Comments from HPCL
1	2(r)	Mutual aid association "means an industrial mutual aid association in which participating industries as a community shall assist each other in case of emergency .Mutual aid associations supplement a site's emergency control plan. Services of member industries shall be requested only when the emergency	Mutual aid group "means an industrial mutual aid group in which participating industries as a community shall assist each other in case of emergency. Mutual aid agreement supplement a site's emergency control plan. Services of member industries shall be requested only when the emergency threatens to exceed the capability of otherwise available resources; (12.3) 5	Mutual Aid Group may be termed as Mutual Aid Response Group
16	8(2) Add	-----	The Board of the entity shall appoint one of its directors, within ninety days of these regulations come into force, to be responsible for ensuring compliance to these regulations .	The change suggested is as follows:- The Board of the entity shall appoint one of its SBU Head(s)/ any person appointed by Board , within ninety days of these regulations come into force, to be responsible for ensuring compliance to these regulations. Or The responsibility of ensuring compliance to these regulations shall be Occupier. (as per existing Factory Act requirements is on to Occupier / Factory Manager.)
17	8(3)	In case of any deviation or shortfall, in achieving the recommended standards the entities are liable to penal provisions	In case of any deviation or shortfall, in achieving the recommended standards the entities are liable to penal provisions under the	Suggestion- Mutual aid is an arrangement for helping each other at the time of Level II & Level III

		under the provisions of the technical standards, specifications including safety standards.	provisions of the technical standards, specifications including safety standards PNGRB Act 2006.	emergency. It is a fact that there are a few or hardly any OMC units nearby who are the mutual aid response group. Most of the members would be nearby factories of non-petroleum nature. Where PNGRB act would not be applicable legally, hence penal provisions can't be imposed. Hence penalizing provisions would make the arrangement ineffective.
24	10.4	(2) The consequences of an Incident are fire explosion, deflagration, blast waves, fast spreading flames, BLEVE, UVCE resulting in direct effects like damage to buildings/property, burns, fatalities. However, an Incident in the neighborhood may sometimes cascade into an on-site emergency. It should be prevented or managed to avoid major emergency.	(2) The consequences of an Incident are fire, explosion, deflagration, blast waves, fast spreading flames, BLEVE, UVCE resulting in direct effects like damage to buildings/property, burns, fatalities. However, an Incident in the neighborhood may sometimes cascade into an on-site emergency. It should be prevented or managed to avoid major emergency.	Suggested addition of: 'Toxic Release' may be added among the list of emergencies.
	12.1	(e) Testing and mock drills for onsite emergency plan shall be carried once in three months and for offsite emergency plan twelve months.	(e) Mock drill for On site (Level –I /II) and Off site (Level-III) emergency shall be carried once in three months and twelve months respectively. Entity shall conduct as least one On site emergency exercise of Level II during the year.	Suggested modification suitably : Off-site mock drills (Level-III) are conducted by District Authorities. The onus of conducting of off-site mock drills should not be vested with the entities, but extended to district authorities thru proper document. Entities can only request the district authorities for conduct of off-site drills involving their sites and full support.

37	12.1	(f) For other installations, the mock drill shall be carried out once a year. However, for locations having more than one industry member, the annual mock drill can be carried out by one industry member in turn, thus ensuring one mock drill in every year at the location.	For locations having more than one industry member, the Off site emergency exercise can be carried out by one industry member by turn in coordination with District Authority, thus ensuring at least one mock drill every year at the location.	Suggested change: The onus of conducting of off-site mock drills should not be vested with the entities, but extended to district authorities thru proper document. Entities can only request the district authorities for conduct of off-site drills involving their sites and full support.
40	12(2)(ii)	(ii) Contract personnel and contract labourer shall be allowed to start work only after clearance of attending and passing safety training	(ii) Contract personnel and contract labourer shall be allowed to start work only after clearance of attending and validation of safety training.	The change suggested is as follows:- ii)) Contract personnel and contract labourer shall be allowed to start work only after valid safety training.
67	14.2.5.9	(2) Emergency siren code should be as follows, namely: (a) Emergency Level-I: A wailing siren for two minutes. (b) Emergency Level-II and III: Same type of siren as in case of Level – I and II but the same will be sounded for three times at the interval of one minutes i.e.(wailing siren 2min + gap 1 min + wailing siren 2min + gap 1min + wailing siren 2min) total duration of Disaster siren to be eight minutes.	(a) Emergency Level I – The siren code for Level I shall be decided by Untity depending upon the size and complexity of installation. (b) Emergency Level II - A wailing siren for two minutes (c) Emergency Level III - Same type of siren as in case of Level II but the same will be sounded for three times at the interval of one minutes i.e.(wailing siren 2min + gap 1 min + wailing siren 2min + gap 1min + wailing siren 2min) total duration of Disaster siren to be eight minutes (ALL)	The word " Untity " to be replaced with " Entity ".
80	23	2) Investigation report of all major incidents shall be submitted to the	1) An incident shall be treated as 'Major' if any of the following occurs;	Suggested to remove: (f)plant shutdown / outage due to the incident

		<p>Board. An incident shall be treated as Major if any of the following occurs;</p> <p>(a) fire for more than 15 minutes (b) explosion / blowout (c) fatal incident. (d) loss above Rs. 10.0 Lac (e) cumulative man hours lost more than 500 hrs. (f) plant shutdown / outage due to the incident (g) Level-III incident</p>	<p>(a) fire for more than 15 minutes (b) explosion / blowout (c) fatal incident. (d) loss above Rs. 20.0 Lac (e) cumulative man hours lost more than 500 hrs. (f) plant shutdown / outage due to the incident</p> <p>2) 'Major' Incident shall be reported to the PNGRB in the format specified and placed at Schedule-VI. The above report should be submitted within 48 hours after occurrence of the incidents. However, First Information Report (FIR) on 'Major' Incident shall be intimated to PNGRB through telephone, email or SMS immediately or but not later than 4 hours of occurrence.</p> <p>3) Detailed investigation report of all 'Major' incidents shall be submitted to PNGRB within 30 days of occurrence along with time bound mitigation plan of recommendations, made during the investigation.</p> <p>3) All incidents covered under Minor Incident and Near Misses should be maintained by the entity for inspection in specified format of Schedule-VI.</p> <p>4) Quarterly report consisting Summary of Major (including detailed Investigation Report) & Minor incidents and Near Misses (Only Nos.) shall</p>	
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83	31	1) Whenever any deviation from this code of practices is required to be implemented, the entity shall seek approval of the Board with mitigation measures proposed to be carried out giving full details and justification for such deviation within 1 month from the date of notification of these regulations.	1) Whenever any deviation from this code of practices is required to be implemented, the entity shall thereafter take approval from its Board for non conformities and mitigation measures. The entity's Board approval along with the compliance report, mitigation measures and implementation schedule shall be submitted to the Board within six months.	1) Whenever any deviation from this code of practices is required to be implemented, the entity shall thereafter take approval from <i>the authorized person appointed by entity's</i> Board of Directors for non conformities and mitigation measures. The entity's approval <i>by such authorized person by board</i> along with the compliance report, mitigation measures and implementation schedule shall be submitted to the Board within six months.
84		Note: A copy of ERDMP, duly approved by the Board of Directors of the organisations shall be submitted to the PNGRB.	A copy of ERDMP, duly approved by the Board of Directors of the organisations shall be submitted to the PNGRB. Further the amendments to ERDMP document should be approved by the authority which has approved the ERDMP document i.e. entity's Board of Directors.	The clause may be rewritten as- A copy of ERDMP, duly approved <i>by the authorized person appointed</i> by the Board of Directors of the Entity shall be submitted to the PNGRB. Further the amendments to the ERDMP should be approved by the authority which has approved the ERDMP document i.e. <i>by authorized person appointed</i> by the entity's Board of Directors. <i>Only for renewal purpose the document should be certified by the third party PNGRB accredited agency and submitted to PNGRB.</i>
87	Sch VI	<ul style="list-style-type: none"> - Fire for more than 15 minutes - Explosion / Blowout - Fatal Incident. - Loss above Rs. 5.0 Lac. - Cumulative man hours 	<ul style="list-style-type: none"> Fire for more than 15 minutes - Explosion / Blowout - Fatal Incident. - Loss above Lac20 - Cumulative man-hours 	<p>Type of incidents are to be same per the SN.80 and Clause 23 of this document.</p> <p>Loss above 20 Lakhs be</p>

		lost more than 500 hrs. - Plant Shutdown / Outage due to the incident	lost more than 500 hrs.	specified clearly.
Emergency Response Plan for Projects / Construction (Annexure 2)				Suggestion: Projects costing beyond INR 100 crores should have project specific Emergency Response Plan. Entity to develop a generic emergency response plan for projects costing < INR 100 crores.

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