	OISD – STD – 144
	LIQUEFIED PETROLEUMGAS (LPG) INSTALLATIONS

UPDATION-01

Date: 23.02.2022

Clause No.	Existing description	Updated description
6.2.3 INSTRUMENTS	Each storage vessel shall have at least two level indicators, each working on different principles. In addition, one independent high level switch shall also be provided. High level alarms shall be set at not more than 85% level of the volumetric capacity of the vessel. Audio visual indication shall be at local panel & control room. On actuation of high level alarm, the ROVs of the affected vessel shall close.	Each storage vessel shall have at least two nos. independent level instruments, each working on different principles. However, both independent level instruments can also be radar gauges. In addition, one independent high level switch shall also be provided. High level alarms shall be set at not more than 85% level of the volumetric capacity of the vessel. Audio visual indication shall be at local panel & control room. On actuation of high level alarm, the ROVs of the affected vessel shall close.

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Errata and Updation of OISD-STD-144

UPDATION-01

Date: 22.02.2022

3.0 DEFINITIONS

EMERGENCY

Emergency means a situation or scenario which has the potential to cause serious danger to persons, environment, or damage to property and which tends to cause disruption inside or outside the premises and may require the help of outside resources.

CLASSIFICATION OF EMERGENCIES:-

Emergencies can be categorized into three broad levels based on seriousness and response requirements, namely:-

(a) **Level - I**: This is an emergency or an incident which

(i) can be effectively and safely managed, and contained within the site, location, or installation by the available resources;

(ii) has no impact outside the site, location, or installation.

(b) **Level - II:** This is an emergency or an incident which

(i) cannot be effectively and safely managed or contained at the location or installation by available resource and additional support is alerted or required;

(ii) is having or has the potential to have an effect beyond the site, location, or installation and where external support of mutual aid partner may be involved;

(iii) is likely to be a danger to life, the environment, or industrial assets or reputation.

(c) **Level - III**: This is an emergency or an incident with off-site impact which could be catastrophic and is likely to affect the population, property and environment inside and outside the installation, and management and control is done by district administration. Although the Level-III emergency falls under the purview of District Authority but till they step in, it should be responsibility of the unit to manage the emergency.

Note: Level - I and Level - II shall normally be grouped as an Onsite emergency and Level - III as an Off-site emergency.

Draft and Updation of OISD-STD-144

Clause No.	Existing description	Updated description
11.13.1. (iv)	The following fire siren codes shall be followed for different emergency situations:-	The following emergency siren* codes shall be followed for different emergency situations:-
	• **FIRE**: wailing sound for 2 minutes.	(a) **Level - I**: The siren code for Level - I shall be decided by an entity depending upon the size and complexity of installation;
		(b) **Level - II**: A wailing siren for two minutes;
	• **DISASTER:** wailing sound for 2 minutes repeated thrice with a gap of 60 seconds. Total duration of Disaster siren shall be eight minutes.	(c) **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 2 min + gap 1 min + wailing siren 2 min + gap 1 min + wailing siren 2 min) total duration of disaster siren to be eight minutes.
	• **ALL CLEAR:** straight run sound for 2 minutes.	(d) **ALL CLEAR**: Straight run siren for two minutes.
	• **TEST SIREN:** straight run sound for 2 minutes.	(e) **TEST:** Straight run siren for two minutes at the frequency at least once a week.
11.13.1. (iv)	Fire siren shall be tested at least once in a week	
		* Wherever 'Fire siren' is mentioned in the standard, the same shall be read as 'Emergency siren.'

Errata and Updation of OISD-STD-144

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