

	HPCL-Mittal Energy Ltd. Safety Districts & Ownership of facilities 9112-000-HSE-006-00012	Revision	00
		Issue Date	25-JAN-2013
		Next Review	
		Page	9 of 31

6.0 Ownership & Responsibilities of Services /Utilities

All equipment and facilities in the Refinery needs to be kept in safe working condition always and the integrity of the equipment needs to be ensured at all times. This can be achieved if only each equipment and facility has an identified

Services/Utilities	Owner (Up to battery limit/building*)	Maintenance Request (Notification)	Permit Request	Permit Issue	Counter Signature
Fire water network	F & S	F & S	Maintenance	F & S	Safety district
MCPs	F & S	F & S	Maint.-Inst.	F & S	Safety district
PA System	Instrumentation	F & S	Maintenance	F & S	Safety district
Electrical supply (FLMs/Street lights)	Elect. Operations	Elect. Operations	Elect.-Maint.	Elect. Operations	Safety district
Drinking water	Operations (water block)	Safety district	Maintenance	Operations (water block)	Safety district
Plant water	Operations (water block)	Safety district	Maintenance	Operations (water block)	Safety district
Cooling water	Operations (Treater block)	Operations (Treater block)	Maintenance	Treater block	Safety District
Horticulture water	Civil	Civil	Maintenance	Civil	Safety District
Plant Air	Operations (Treater block)	Operations (Treater block)	Maintenance	Operations (Treater block)	Safety District
Instrument Air	Operations (Treater block)	Operations (Treater block)	Maintenance	Operations (Treater block)	Safety District
Inert Gas	Operations (Treater block)	Operations (Treater block)	Maintenance	Operations (Treater block)	Safety District
Fuel gas	Operations (Treater block)	Operations (Treater block)	Maintenance	Operations (Treater block)	Safety District
Roads	Civil	Safety district	Maintenance	Safety district	Fire (Road Block)
Storm water channel	Civil	Safety district	Maintenance	Safety district	NA
OWS system	Opns. (ETP)	Opns. (ETP)	Maintenance	Opns. (ETP)	Safety District
Steam (MP/HP/LP)	CPP	CPP	Maintenance	CPP	Safety District
# Steam tracing lines & steam traps within ISBL & OSBL	Safety district	Safety district	Maintenance	Safety district	
Fuel Oil	Offsite	Offsite	Maintenance	Offsite	Safety District
DM Water	Utility	Utility	Maintenance	Utility	Safety District
Caustic from ETP to Units	Utility	Utility	Maintenance	Utility	Safety District

	HPCL-Mittal Energy Ltd. Safety Districts & Ownership of facilities 9112-000-HSE-006-00012	Revision	00
		Issue Date	25-JAN-2013
		Next Review	
		Page	11 of 31

7.0 Ownership of pipelines & Interplant clearances

For any maintenance work on OSBL pipelines carrying raw material, products, intermediates, chemicals, or utilities, the owner of the pipeline authorizes work on such lines and issues work permit. Normally the supplier of raw material, chemical or utility is the owner of the pipeline. However the responsibility for Line clearances & issue of permit is clearly defined in the ANNEXURES (For more details refer Annex-3 onwards)

In case of steam lines, the owner is CPP in OSBL areas up to the receiving plant battery limit areas. All steam tracing lines and steam traps within ISBL & OSBL areas fall under the ownership of respective plants.

Inter-Plant clearances necessitating isolations at battery limits of receiving Plants/facilities are required before starting any work. The receiving Plants shall issue separate work permits for necessary isolations to their maintenance department.

In case supply of material / utility is to more than one safety district then a contingency plan must be prepared by the Unit manager of that particular Safety district along with the Unit manager of the Safety district owning the pipeline. In such cases, a counter signature is required on the work permits by an authorized person.

JSA needs to be signed by Owner of pipeline, Maintenance Supervisor and Field Supervisor of that particular district.

The break up responsibility for the Pipelines, Tanks, U/G vessels & dosing vessels is available under Annex-3-9

8.0 Annexure-1 Safety District / Safety District Head. (Refer Annex 10 on page 25 for Safety District Plot)

The following table gives the details regarding Safety District (SD) and Safety District Head (SDH).

Safety District	District No.	Safety District Head	Area Covered	Excluded
CDU/VDU	01	Unit Manager	Unit, SRR-2, Open area (Refer Plot plan)	SS-15
MSB	02	Unit Manager	Unit, SRR-8, Open area (Refer Plot plan)	SS-19
VGO-HDT	03	Unit Manager	Unit & Open area (Refer Plot plan)	
HGU	04	Unit Manager	Unit, SRR-3	SS-16
DHDT	05	Unit Manager	Unit	SS-20
FCCU	06	Unit Manager	Unit, SRR-6	SS-23
DCU	07	Unit Manager	Unit, SRR-5, coke pit, future expansion area. (CHS + Silo), Coke rail loading.	SS-18
SRU	08	Unit Manager	Unit, SRR-9, Future area, Sulphur yard & weigh bridge	SS-26
Utilities	09	Unit Manager	Treater block, cooling tower (02), N2/Air plant, chemical dosing facility	SS-22
PPU	10	Unit Manager	Unit, SRR-4 (PPU Warehouse), H2 Bullets	SS-17
Offsites/OMS	11	Unit Manager	Crude storage, future storage, SRR-7A/7B, LPG storage, flare, Storage tanks, SRR-01, Pipe racks*, LPG line to HPCL bottling unit.	SS-11/14/21/24 *Utility lines
Water Block	12	Unit Manager	Complete water block area, pipeline culverts (Underpass), Overhead water tanks, Fire water make up line, Emergency make up line, Railway under pass.	SS-28