



APPENDIX-I  
TO TECHNICAL SPECIFICATION  
FOR FIRE PROTECTION SYSTEM REV.-6

- LEGEND**
- ◇ ALARM
  - ⊗ GATE VALVE NORMALLY OPEN
  - ⊘ GATE VALVE NORMALLY CLOSED
  - ⊗ NON-RETURN VALVE
  - ⊗ GLOBE VALVE NORMALLY OPEN
  - ⊘ GLOBE VALVE NORMALLY CLOSED
  - ⊗ FLOAT OPERATED GATE VALVE
  - ⊗ TEST VALVE
  - ⊗ PRESSURE GAUGE
  - ⊗ PRESSURE SWITCH
  - ⊗ LEVEL GAUGE
  - ⊗ LEVEL SWITCH
  - BASKET STRAINER
  - ⊗ FLOAT OPERATED LEVEL GAUGE
  - ⊗ Y-TYPE STRAINER
  - ⊗ WATER MOTOR GONG
  - ▽ REDUCER
  - ⊗ THREE WAY COCK/ VALVE
  - ⊗ VENT
  - ⊗ DRAIN
  - ⊗ OUT DOOR HYDRANT
  - ⊗ QUARTZOID BULB DETECTOR
  - ⊗ HVW SPRAY NOZZLE
  - ⊗ PUMP
  - WATER LINE
  - ⊗ DELUGE VALVE

**NOTES:** 1. THE HYDRANT POINTS FOR TRANSFORMER/ REACTOR SHALL BE LOCATED AT LEAST 20M AWAY FROM THEM.  
2. AS SAFETY MEASURE, A WARNING PLATE SHALL BE PLACED NEAR HYDRANT POINTS FOR TRANSFORMER/ REACTOR TO CLEARLY INDICATE THAT WATER SHALL BE SPRAYED ONLY AFTER ENSURING THAT THE POWER TO THE TRANSFORMER/ REACTOR WHICH IS ON FIRE IS SWITCHED OFF AND THERE ARE NO LIVE PART WITHIN 20 M. DISTANCE OF THE PERSONNEL USING THE HYDRANT.

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED <small>(A GOVERNMENT OF INDIA ENTERPRISE)</small>				PROJECT:	
				765kV AND 400kV SUBSTATION	
APPD.				TITLE:	
				PIPING & INSTRUMENTATION DIAGRAM FOR HYDRANT & HVW SPRAY SYSTEM.	
22.11.2001	A..JXAVIER	A..JXAVIER	APPD.	DRG.ND.	REV
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