

CDM - DESIGN RISK INFORMATION

Identified risks which we have not been asked to design out and which others could not be reasonably expected to know about.

RISK DETAIL & STAGE	SUGGESTED CONTROL MEASURE	DESIGNER

No.	Description	Date

MAXA GAMMA i-290 HEAT PUMPS

CASCADE HEATING, HOT WATER AND COOLING

Project number	
Date	09/07/2023
Drawn by	ESS
Revision	
ESS/MAXA 012	
Scale	NTS @ A3

- KEY:**
- IV = Isolation valve existing.
 - BV = Ball Valve/Butterfly valves
 - DRV = Double regulation valve
 - DOC = Drain cock
 - DCV = Double check valve
 - SV = Safety valve with tundish & drain
 - P = Circulating pump
 - NRV = Non return Valve
 - DCNRV = Double check Non return Valve
 - T&PRV = Temperature & Pressure relief valve
 - DPS = Differential Pressure Switch
 - TD = Tundish run to drain.
 - D&AS = Dirt and air separator
 - FC = Flexible connection
 - ST = Strainer
 - T&P-SV = Temperature & Pressure safety valve
 - All high & low points to be suitable vented and drained.
 - FP = Ball valve flushing point
 - CS = Commissioning set

