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Usual Engineering Abbreviations



3D	3 Dimensions
CWI	Civil Works Installation drawing
EPC	Engineering, Procurement and Construction
ESD	Emergency Shut Down
Ex	Explosion protection
FEED	Front End Engineering Design
F&G	Fire and Gas
HAZOP	HAZard and OPerability study
HVAC	Heating, Ventilation and Air Conditioning
HSE	Health, Safety and Environment
IFA	Issue For Approval
IFC	Issue For Construction
IFD	Issue For Design
IFR	Issue For Review
ISO	pipng Isometric drawing
MTO	Material Take-Off
PFD	Process Flow Diagram
P&ID	Piping & Instrumentation Diagram
PCS	Process Control System
ROS	Required On Site (date)