

LIUTAIO

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Process Control Abbreviations

APC	Advanced Process Control
ASVL	Analyser Signal Validation Logic
AUTO	Automatic controller mode
BadPV	Bad PV
CAS	Cascade controller mode
CPS	Continuous Pumping Service
DCS	Distributed Control System.
ESD	Safety Instrumented System
F&G	Fire and Gas system
FC	Fail Close.
FCS	Foundation Fieldbus Control system. See DCS.
FGS	Fire and Gas System
FO	Fail Open.
GDLL	Gain-Delay-Lead-Lag algorithm
GPCL	General Pump Control Logics
GUI	Graphic User Interface
HART	Highway Addressable Remote Transducer
HC	Hydrocarbon
HMI	Human Machine Interface
ICC	Integrated Capacity Control
ICSS	Instrumented Control and Safety System. See "DCS".
IPF	Instrument Protective Function
IPS	Instrument Protective System
KOD	KnockOut Drum
LC	Lock Close
LCP	Local Control Panel
LCP	Local Control Panel
LCR	Local Control Room
LILP	Lock-In-Last Position
MAN	Manual controller mode
MD	Material Flow Diagram

MOV	Motor Operated Valve
MPC	Multivariable Predictive Control, Model Predictive Control
MV	Controller output value or Manipulated variable.
MVC	Measurement Verification and Comparison
N/A	Not Applicable
CLC	Compressor Load Controller
ASP	Anti-Surge Parameter
NA	Not Applicable
NA, N/A	Not Applicable
NGL	Natural Gas and Liquids
OOS	Out Of Service
OP	Controller Output value
OUT	Controller Output value or manipulated variable.
P&ID	Process and Instrumentation Diagram
PCS	Process Control System. See "DCS".
PFD	Process Flow Diagram
PID	Proportional-Integral-Derivative industrial controller
PRV	Pressure Relief Valve
PSD	Process Shutdown
PV	Process variable.
RO	Restriction Orifice
SIF	Safety Instrumented Function
SIL	Safety Integrity Level
SIS	Safety Instrumented System
SOV	Solenoid Valve
SP	Controller Setpoint value
SPT	Controller Setpoint value
SV	Controller Setpoint value
TBD	To Be Defined.
UCP	Unit Control Panel
UPS	Uninterrupted Power Supply
VCF	Volume Correction Factor
VFD	Variable Frequency Drive