

List of Abbreviations

Sl. No.	Term used	Description of Abbreviated Term
1	API	American Petroleum Institute
2	AS	Auto Sampler
3	BI	Business Intelligence
4	BS&W	Basic Sediment and Water
5	CPSEs	Central Public Sector Enterprises
6	CSU	Crude Stabilization Unit
7	CTF	Central Tank Farm
8	D&M	M/s DeGolyer and McNaughton
9	DPE	Department of Public Enterprise
10	DPR	Daily Production Report
11	EPS	Early Production System
12	FIR	First Information Report
13	FPSO	Floating Production Storage and Offloading vessel
14	GGs	Group Gathering Station
15	HMI	Human Machine Interface
16	HOC	Hot Oil Circulation
17	HUT	Heera Uran Trunk line
18	JNPT	Jawaharlal Nehru Port Trust
19	JV	Joint Venture
20	KPI	Key Performance Indicator
21	M ³	Cubic Meters
22	MFM	Mass Flow Meters
23	MoF	Ministry of Finance
24	MoPNG	Ministry of Petroleum & Natural Gas
25	MoU	Memorandum of Understanding
26	MT	Metric Tonne
27	MUT	Mumbai Uran Trunk line
28	NELP	New Exploration Licensing Policy
29	NOC	National Oil Company
30	OEM	Original Equipment Manufacturer
31	OID Act	Oil Industry (Development) Act, 1974
32	OMC	Oil Marketing Companies
33	ONGC	Oil & Natural Gas Corporation Ltd.
34	ORD Act	Oil fields (Development & Regulation) Act, 1948
35	P&DD	Production and Development Directorate
36	PNG Rules	Petroleum & Natural Gas Rules, 1959
37	PRA	Production Revenue Accounting
38	PRP	Performance Related Pay

39	SBU	Strategic Business Unit
40	SCADA	Supervisory Control and Data Acquisition (SCADA)
41	SOP	Standard Operating Procedure
42	TM	Turbine Meter
43	WC	Water Cut

Glossary of Technical Terms

Sl. No	Technical Term	Meaning
1	Auto Sampler	Auto Samplers are samplers installed inline in the downstream of Turbine Meters to collect samples of liquid at regular intervals. Samples so collected are tested at laboratory to determine the water content in crude oil.
2	BS&W	Abbreviation for basic sediment and water. BS&W is measured from a liquid sample of the production stream. It includes free water, sediment and emulsion and is measured as a volume percentage of the production stream.
3	Condensate	Liquid hydrocarbons produced with natural gas, separated by cooling and other means
4	Demulsifier	Demulsifier is a chemical used in the heater treater to separate water from oil
5	Effluent Treatment Plant	To process the effluent received from GGS/CTF installation before disposal of effluents as per pollution control norms. The critical equipment are Pumps and Tanks.
6	Emulsion	Emulsion is crude oil inclusive of water
7	Free Water	Water produced with oil which is usually settles once the well fluids become stationary.
8	Heater Treater	Heater Treater remove emulsified liquids and solids from crude and also use heat and pressure drop to flash volatile vapours
9	Human Machine Interface (HMI)	HMI is the tertiary device forming part of Electronic Liquid measurement system. It is a flow computer receiving information from Primary device (Turbine Meter) and secondary devices measuring Temperature, Pressure and Density; Using the programme instructions it calculates the quantity of liquid flowing through the Turbine Meters
10	Hydrocarbon	Organic chemical compounds of hydrogen and carbon atoms. There are a vast number of these compounds and they form the basis of all petroleum products. They may exist as gases, liquids or solids. An example of each is methane, hexane and asphalt.
11	ICE SAP-ERP	Information Consolidation for Efficiency through implementation of Enterprise Resource Planning, i.e., SAP Systems and other IT efforts
12	New Exploration Licensing Policy (NELP)	NELP was formulated by the Government of India in 1997-98 to provide a level playing field in which all the parties may compete on equal terms for the award of exploration acreage. This was for accelerating the pace of hydrocarbon exploration in the country through which various blocks including deep-water acreages were offered for competitive bidding.
13	Off-gas	Off-gas is a dissolved gas in crude oil which is separated during stabilisation process of crude oil

14	Performance Contract	Performance Contract is annual contract signed by the Chief of Strategic Business Units (SBU) with the concerned director. The performance evaluation of SBU is done based on actual achievement vis-à-vis target set for Key Performance Indicators. The methodology followed for evaluation of MoU signed by the ONGC with MoPNG is adopted for this purpose.
15	Petroleum	Crude Oil and/or Natural Gas existing in their natural condition but excluding helium occurring in association with Petroleum or shale.
16	Pit Oil	In an effort to realise production from exploratory wells expeditiously such wells are often flowed to make shift pits at well sites during initial testing. Oil recovered from effluents was also often stored in wash tanks prior to being recovered. Also during period of high stock, due to less evacuation of refineries excess oil is stored in available storage like wash tanks /effluent tanks. The oil which is not stored in crude oil tanks and does not appear in tank stock statement of the Asset is referred to as pit oil
17	Reserve Accretion	Addition of hydrocarbon reserves to the existing reserves
18	Reservoir	A naturally occurring discrete accumulation of Petroleum
19	Rigs	It was an equipment used for drilling a well bore. There are various types of offshore rigs like jack-up rigs, floaters, Modular rigs etc. In onland, there are two types of rigs viz. mobile rigs and High Floor Mast / Sub structure types of rigs
20	Turbine Meter	Turbine Meter is a primary device of Electronic Liquid Measurement System. In operation rotating blades generate frequency signal proportion to liquid flow rate which is sensed by the magnetic pick up and transferred to real time indicator
21	Well	A borehole, made by drilling in the course of Petroleum Operations, but does not include a seismic shot hole.
22	Wet Crude	Wet crude is the partially stabilized crude containing crude, water and dissolved gas.