

CATEGORY	PLANT		IOCL, Panipat refinery
	AWARD LEVEL		Award for TPM Excellence – First Category
	YEAR		2008
	PARAMETER	Unit	STATUS
P	Crude input	0 MT	Increased by 323.4 MT
	Fuel & Loss	MBN No.	Reduced to 60.7 from 69.2
	Energy Factor	% Crude	Reduced by 10%
	Plant Availability Factor	%	97.30%
	OPE	%	103%
Q	Distillate Yield	%	78.92%
C	Turnover	Rs. Mn	Increased to 264803 from 20426
	Gross margin	Rs. Mn	Increased to 22690 from 14706
	Net profit	Rs. Mn	Increased to 14706 from 12169
	Store Inventory	Rs. Mn	Increased to 3260 from 1100
D	Dispatch	MT	Increased by 220.9 MT
S	Fatal accidents	Nos	Zero
	Minor Accident Employee	Nos	Zero
	Near Miss Incident	Nos	Increased to 546
	Oil & Grease in effluent	mg/litre	Reduced by 2.25 mg/ltr
	Sulphide in treated effluent	mg/litre	Reduced to 0.35 from 0.5
	BOD in treated effluent	mg/litre	Reduced to 12.55 from 15
	Stack Emission (SO2)	kg/hr	Reduced by 87kg/hr
M	suggestions	Nos	Increased to 1765 from 600
	Kaizens	Nos	Increased to 1568 from 190
	OPLs	Nos	Increased by 684

CATEGORY	PLANT	IOCL, Barauni		
	AWARD LEVEL		Award for TPM Excellence – First Category	Award for Excellence in Consistent TPM Commitment
	YEAR		2008	2011
	PARAMETER	Unit	STATUS	
Gen. Mgmt	Crude Processed/(% of allocation)	(MMTPA)	Increased to 5.63 from 5.1	Crude processed increased by 22.12%
	Gross Margin	US\$/bbl	Increased to 5.46 from 2.37	Gross margin increased by 164%
	Yield (% of Crude processed)	% WT	85%	
	Interruptions	Nos/Yr	Reduced by 75%	Reduced to Zero
P	High Sulphur processed	%	Increased by 5%	
	MTBF	Days		
	MTTR	Days		
Q	Customer Complaint	Nos/Yr	Zero	Customer Complaint: Zero
	Internal sample failure(LPG)	Nos/Yr	Reduced to 4 from 160	
C	Routine & maint. cost	Rs.Million	Reduced by 68.5 Million	Routine & maint. Cost: Reduced by 36.3%
	TPM Cost vs Benefit	% Cumulative	Increased by 304%	
	Energy Factor (MBN)		Reduced to 70 from 75.5	Energy factor (MBN) reduced by 21.85%
D	Store Inventory	Rs.Million	Reduced by 3.86	Store Inventory: Reduced by 26.6%
S	Major Accidents	Nos/Yr	Zero	Zero
	Minor Accidents	Nos/Yr	Zero	Zero
M	No. of KAIZEN / Suggestions	Cum Nos/Yr	Increased to 2736 from 245	Increased 5613
	No. of OPLs (Cumulative)	Cum Nos/Yr	Increased to 2882 from 342	Increased to 5829

IOCL, Guwahati	IOCL, Haldia Refinery
Award for TPM Excellence – First Category	Award for TPM Excellence – First
2009	2010

Increased to 1117 TMTPA from 1002	Increased by 37%
Increased to 17.1 from 11.9	Increased by 90%
Increased to 83 from 80.6	Increased by 6%
Increased to 1117 from 587	No. of BD due to poor JH reduced by 100%
Reduced to 3 from 5.2	
Zero	Zero
Zero	
Reduced to 12 from 25.4	Decreased by 30%
Reduced to 64.5 from 76	Decreased by 5%
Reduced to 10.43 from 16.71	
Zero	No. of reportable fires decreased by 100%
Zero	
Increased to 2944 from 42	Increased by 110 times
Increased to 2520 from 80	

CATEGORY	PLANT		IOCL, Panipat refinery	IOCL, Digboi
	AWARD LEVEL		Award for TPM Excellence – First Category	Award for TPM Excellence – First Category
	YEAR		2008	2011
	PARAMETER	Unit	STATUS	
P	Crude input	0 MT	Increased by 323.4 MT	Crude Processed as % of Crude received :100%
	Fuel & Loss	MBN No.	Reduced to 60.7 from 69.2	
	Energy Factor	% Crude	Reduced by 10%	
	Plant Availability Factor	%	97.30%	
	OPE	%	103%	Increased by 8.3%
Q	Distillate Yield Customer Complaint	%	78.92%	No of Intrnal Sample failure :LPG (Nos.) reduced to 0 No of External customer Complains reduced to 0
C	Turnover	Rs. Mn	Increased to 264803 from 20126	
	Gross margin	Rs. Mn	Increased to 22690 from 11706	
	Net profit	Rs. Mn	Increased to 14706 from 12168	
	Store Inventory	Rs. Mn	Increased to 3260 from 1100	
D	Dispatch	MT	Increased by 220.9 MT	Compliance to Customer Demand 100%
S	Fatal accidents	Nos	Zero	Minor Accidents: Zero
	Minor Accident Employee	Nos	Zero	Major Accidents: Zero
	Near Miss Incident	Nos	Increased to 546	
	Oil & Grease in effluent	mg/litre	Reduced by 2.25 mg/ltr	
	Sulphide in treated effluent	mg/litre	Reduced to 0.35 from 0.5	
	BOD in treated effluent	mg/litre	Reduced to 12.55 from 15	
	Stack Emission (SO2)	kg/hr	Reduced by 87kg/hr	
M	suggestions	Nos	Increased to 1765 from 600	
	Kaizens	Nos	Increased to 1568 from 400	No of Kaizens increased by 11 times
	OPLs	Nos	Increased by 684	No of OPLs increased by 10 times