

Centre for High Technology
Objectives for 2020-21

Annexure - II

Objective	Actions	Success Indicator	Unit	Target		Actual Achievement	Remarks / Procedure No.	
				Excellent	Very Good			
1	Refinery Performance Evaluation	Evaluation of Refinery Performance w.r.t key parameters such as Specific Energy Consumption (New MBN), Carbon Weighted Ton, Specific Steam & Water Consumption, operational availability	Data Collection, Compilation, evaluation and submission to Award Selection Committee	Date	31.01.21	28.02.21	26.11.20	CHT/TP/01
		Survey for Furnace/Boiler Efficiency and Steam Leak during OGCF Fortnight	Evaluation of OGCF 2021 survey data in the area of "Steam leaks"	Date	31.01.21	28.02.21	-	Could not be carried out due to the COVID-19 Pandemic /CHT/TP/03
			Conducting OGCF survey 2020 In the area of "Furnace efficiency" and finalising the survey results.	Date	31.01.21	28.02.21	26.11.20	CHT/TP/02
		Benchmarking of all PSU and JV refineries	1. Completion of Long Term Agreement up to 2028 2. Completion of Data Coordination seminar	Date	31.01.21	28.02.21	14.08.2020/ 04.12.20	By external agency/ Refineries
2	Refinery Performance Improvement	Refinery Performance Improvement Programme (RPIP - Phase 1) Monitoring of Progress	Presentation of progress during EC / GC	Date	28.02.21	31.03.21	24.06.20 & 10.12.20	CHT/TP/04
		Refinery Performance Improvement Programme (RPIP - Phase 2) Shortlisting of Consultants through EOI & completion of refinery specific tenders to shortlisted consultants	Shortlisting of Consultants by EOI & floating of Tender by Refineries to shortlisted consultants	Date	28.02.21	31.03.21	03.02.21	EOI floated, consultants shortlisted, Tender yet to be floated. Delayed due to non-availability of optimal data due to pandemic / CHT/TP/04

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3	Promoting R&D and Innovation in Downstream Sector	Co-ordinate and organise Meeting of SAC / Select Committee of SAC for PM JI-VAN Yojana / Steering Committee of PM JI-VAN Yojana	Hold regular meetings	Number	7	5	7	
		Inviting new R&D Proposals	Issuance of EOI	Number	2	1	-	Presently, R&D proposals are invited throughout the year.
			Steering Committee Meetings for preliminary screening	Number	2	1	2	
		Innovation Awards	Inviting proposals, co-ordination for finalisation of Awards by Award Committee	Date	31.01.21	28.02.21	04.01.21 & 06.01.21	CHT/TP/05
4	Special Studies	Reduction in water footprint in Refineries	Quarterly Monitoring by CHT and presentation in EC/GC	Date	28.02.21	31.03.21	26.06.20 & 10.12.20	CHT/TP/10
		Make in India Initiatives – Production of Reference Fuel (MS & HSD) Phase-1 (paper blend) Phase-2 (Lab blend) Phase-3 (Business Model)	Submission of Paper	Date	30.06.20	31.07.21	09.07.20	
			Completion of lab blend	Date	28.02.21	31.03.21	13.07.20	Lab blend completed for MS, HSD is in process
		Proposal for feasibility study for the production of Ethanol from Refinery Off gases & other projects in India by LanzaTech, USA	Submission of final report for BPCL-MR and placement of order for at least one refinery among Group-3 and 4 refineries	Date	28.02.21	31.03.21	10.11.20	Final report was submitted by M/s LanzaTech on BPCL-MR feasibility study on 10.11.20 and NRL from Group-3 refineries) has been placed an order on M/s LT to carry out feasibility study in Sept.' 20. Report is under finalisation.

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	Catalyst Manufacturing Plant in India	Submission of Final Report	Date	28.02.21	31.03.21	10.11.20	Final report on Catalyst Manufacturing submitted	
	Enhancing Petrochemicals production by refining sector	Submission of Study Report	Date	December 2021	January 2021	20.01.21	The study report was prepared inhouse taking inputs from EIL, IOCL, HPCL, BPCL and GAIL	
	Pipelines Benchmarking Study – 2020 cycle	Signing of Contract	Date	30.11.20	31.12.20	10.11.20	By external agency/CHT	
		Data Coordinator Seminar (2 days)	Date	January 2021	February 2021	12 & 13.01.21	By external agency/CHT/ participating companies	
5	Support services to MOP&NG/ Oil companies / Committees	Review/recommendations/ reply w.r.t. technical queries/parliament questions / RTI/ Grant of demand by Standing Committee, etc.	Timely response/submission to MoP&NG	% compliance	100 %	90 %	100% compliance	
		Co-ordination of Review Meetings by MoP&NG	Regular meetings of Refinery Working Group, GC, Executive Committee of CHT	Number	4	3	4 (2 EC, 2 GC)	
		Co-ordination with BIS	Regular participation in BIS Meetings	% compliance	100 %	90 %	100% compliance	
		Essentiality Certificates	Process applications & submit to MoP&NG with recommendation for issue of Essentiality Certificates	Number	Within 1 month from the receipt of application	Within 1 month from the receipt of application	13	13 nos. EC recommendations issued during the year.
6	Knowledge Sharing and Dissemination of Information	Activity Committee Meetings	Activity Committee Meetings on major areas of Refinery/ Pipelines	Number	2	1	2	Due to COVID-19 Pandemic, ACMs were held online successfully for the 1 st time.
7	System Improvement	Periodic Audit of ISO 9001:2015	Successful conduct of the 1 st Periodic Audit	Date	30.07.20	31.08.20	29.07.20	

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8	Refinery Performance Improvement Award	Evaluation of Refineries for awarding performance improvement and OGCF award	Data collection, data scrutiny, calculation of score based on approved evaluation criteria, submission of results to Award selection committee and submission of list of recommended awardees to MoP&NG	Date	30.11.20	31.12.20	26.11.20	CHT/TP/11

Approved by : (SC)

Date : 01.04.2021