

HP-COP

CO Promotor Additive

हिन्दुस्तान पेट्रोलियम



OSC

Al

ABD

SA

PS &
PV

MD

Higher CO Conversion

High Metal Dispersion

Active Metal Promoted Catalyst

High Oxygen Storage Capacity

Reduced Afterburn Issue in FCCU

Cost Effective Catalyst Formulation

Higher Retention of Catalyst in Dense Bed

High Metal
Dispersion

Promotes
combustion of
CO to CO₂

HPCL's Initiative Towards Indigenizing CO Promotor Additive

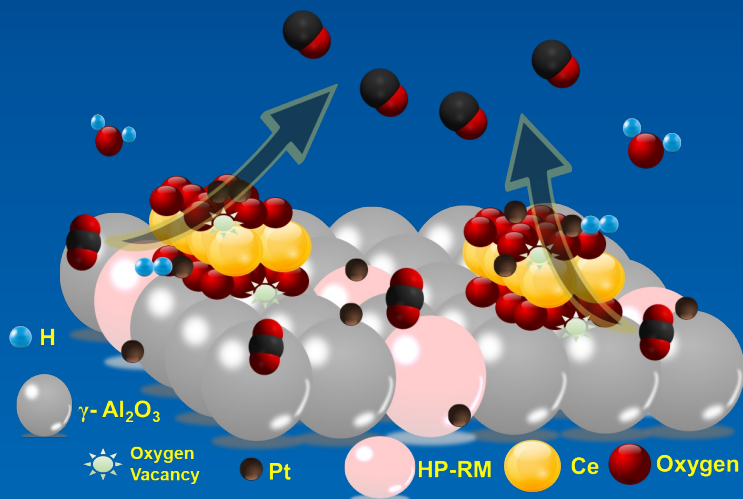
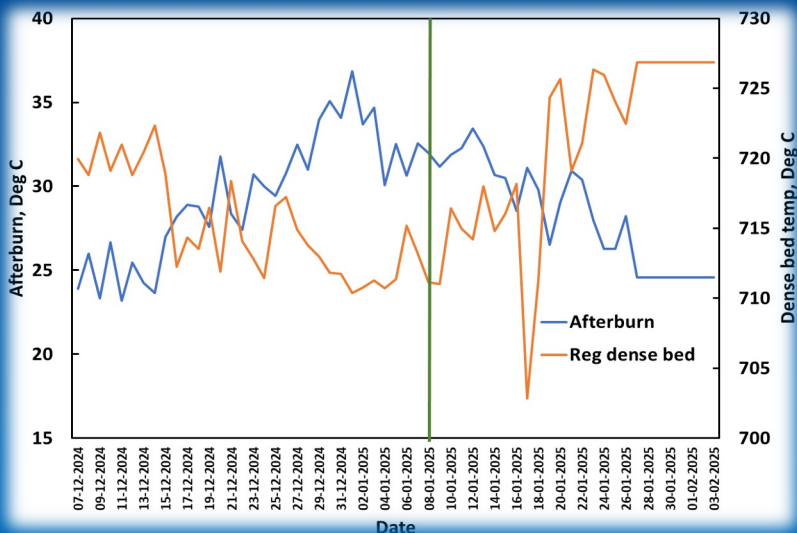
HP-COP

Cost
Effective

HP-COP

CO Promotor Additive

हिन्दुस्तान पेट्रोलियम



Plant Trial at VR FCCU

Mechanism of HP-COP

S. No.	Properties	HP-COP
1	Surface Area, m ² /gm	>150
2	ABD, g/cc	>0.9
3	Attrition Index, % (ASTM D5757)	<6
4	Pt content, ppm	>500
5	CO conversion, %	>99
6	Afterburn reduction, °C	5-15

HPCL's Initiative Towards Indigenizing CO Promotor Additive

