**1. Support for commissioning & modification of H2 Loop reactor Batch automation for increase in batch/Production& it's commissioning activity**

1) 1 no pressure transmitter & 8 nos Control valve are removed for servicing same logic implementation & DCS configuration done at site for catalyst project of Loop reactor dated on 1 oct 2016 2) better efficiency and operation Opportunity base PM & CM of loop reactor completed on 26 sep -2016 & on 23 feb -2017 3)instrument availability done by using Regular calibration ,servicing & spare inventory of XV-305,XV-306,XV-311,oop Hydrogen service valves-PCV-302A,PCV-701BV .This help to reduce repetitive failure almost zero. 4) New LT-302 provided for V-707 5) PT-V-707 ,PCV-V-707 logic implementation & DCS configuration done on 29 sep 2016 6) logic of valve are PCV-301 & PCV-701BH close when reactor temp increase above 215 deg dated on 8 sep 2016