

STOPPOINT NO.	UNIT	PROCESS AREA	Block	EQUIPMENT TAG NO.	EQUIPMENT TAG DESCRIPTION	EQUIPMENT TYPE	SHORT CODE	PROBLEM TO BE SOLVED	SCOPE OF WORK	Size	Rating
AD110-5972	110	Sec-5	7	110-DS-001	HP Steam Desuperheater	Desuperheater	DS	During Refinery SU after Blackout in Feb, 2021, DSH CV 110-DS-001 could not open and led to HHPS-HPS letdown valve did not working. It was effected to start up refinery progress. Request to replace DSH CV 110-DS-001 by new type of DSH CV as per approved MOC-110-2021-764	<p>Pre-Shutdown</p> <ol style="list-style-type: none"> 1. Prefabrication of the pipe spools as per MOC's 2. Erect scaffolding as required 3. Remove the isolation <p>Shutdown</p> <ol style="list-style-type: none"> 1. Do blinding as per blind list 2. Remove the pipe spools as required 3. Remove the old 110-DS-001 de superheater 4. Visual inspection 5. Replace with new desuperheater 6. Reinstall modified pipe spools as per Moc 7. NDE requirements <p>Post Turnaround</p> <ol style="list-style-type: none"> 1. Reinstall insulation 2. Remove the scaffolding <p>Note:</p> <ul style="list-style-type: none"> - All Bolt & Nut must be cleaning and Greasing before reinstallation (Using Molikote 1000). - All flange tightening activities must be strictly followed "Flange Management Procedure" 	<p>Inlet: 14" Outlet: 14" Spray Nozzle: 1-1/2" Length: 405mm Weight: 1250 kg</p> <p>*Data are for the new desuperheater*</p>	<p>Inlet: 1500# Outlet: 1500# Spray Nozzle: 1500#</p>
AD110-6576	110	Sec-5	7	110-DS-003	LP Steam Desuperheater	Desuperheater	DS	Open for internal inspection	<p>Pre-Shutdown</p> <ol style="list-style-type: none"> 1. Scaffold Erection 2. Remove the insulation required <p>Shutdown</p> <ol style="list-style-type: none"> 1. Disconnect the flanges and de-superheater 2. Normal water wash 3. Visual inspection 4. Buffing if required 5. Do PT at marked locations 6. Install back the de-superheater <p>Post-Shutdown</p> <ol style="list-style-type: none"> 1. Install back the insulation 2. Remove the scaffold erection <p>Note:</p> <ul style="list-style-type: none"> - All Bolt & Nut must be cleaning and Greasing before reinstallation (Using Molikote 1000). - All flange tightening activities must be strictly followed "Flange Management Procedure" 	<p>Inlet: 20" Outlet: 20" Coolant: 2" Length: 1422 mm Weight: 2010 kg</p>	<p>Inlet: 150# Outlet: 150# Coolant: 150#</p>