

DEEPAK NITRITE LIMITED
Managemet of Change(MOC)

MOC16/NDS-001

02-Feb-16

Plant(Unit or Facility):	NDS/PILOT	Case ID:	1	Date:	02-Feb-16
Related P&ID No:	Test p and Id			Created By:	Rajesh Govindrao Bonde
Title: title is title					
Type of Change:	Temporary	Temporary untill: df			
Emergency:	Y	Instrumentation:	N	Equipment:	N
Justification: other					
Expenditure Type: dsfsdf					
Situation description before this modification: Capital					
Situation description after this modification: sdfsdf					

1)Engineering checklist:Will this modification alter any of the items below?

1.Stationary Equipment		
Tank:	Y	Vessel: N HeatExchanger: N
Reactor:	N	Column: N
Other:		
1.1	New Equipment	Y
1.2	Material of Construction	N
1.3	Jacket/Coil	Y
1.4	Nozzle/Accessories	N
1.5	Agitator / Buffles	Y
1.6	Sealing elements(gasket,seals,stuffing ,etc .)	N
1.7	Structural Project and Supports	Y
1.8	Safety device(Rupture Disk , PSV,PVRV ,ReliefRupture Disk , PSV,PVRV,Relief	N
1.9	Reinforcement specification	Y
1.10	Pressure vessel classification (er. NR-13)	N
1.11	Other: sdfsdf	

2.Rotating Equipment		
Pump:	N	compressor: N Blower: N
Agitator:	N	Fan: N centrifuge: N
Other:		
2.1	Material of construction	Y
2.2	Operation Data	N
2.3	Sealing elements (gasket,sealls, stuffing,etc.)	Y
2.4	Safety device	N
2.5	Others:	sdfsdf

4.Electrical and instrumentation :		
4.1	Material of Construction	Y
4.2	Equipment	N
4.3	Grounding / Bonding	Y
4.4	Process interlock	N
4.5	Control Program / DCS ,PLC ,Hardwired	Y
4.6	Rotating System (Fix/ Variable)	N
4.7	Others : fgdg	

3.Piping and Accessories:		
3.1	Material of Construction	Y
3.2	Heating	N
3.3	Cooling	Y
3.4	specification (Temperature , Pressure , Valves ,Diameter , Insulation, etc.)	N
3.5	Access to the valves / Instruments	Y
3.6	Structure and Supports	N
3.7	Others :	

5.Production area :		
5.1	Ventilation	N
5.2	Lighting	N
5.3	Area classification	N
5.4	Noise Level	N
5.5	Floor and Platforms structural analysis	N
5.6	Others :	

2)Process Checklist:will this modification increade the potential to any of the items

ITEM					
01	Reaction exothermic	Y	15	Raw material supplier	N
02	Reaction temperature	N	16	Pressure	N
03	Decomposition temperature	N	17	Particle size	N
04	Flammability	N	18	Sample	N
05	Toxicity	N	19	Addition sequence	N
06	Product specification	Y	20	Emission	N
07	Corrosiveness	N	21	Static electricity	N
08	Chemical incompatibility	N	22	Pressure relieve	N
09	Sewage	N	23	Decontamination	N
10	Level	N	24	Agitator / Baffles	N
11	pH	Y	25	Rotation	N
12	Backfloe / counterflow	N	26	Vacuum	N
13	Utilities	Y	27	Others:	
14	Raw material	N			

3)Product,Safety,Environment and Energy Quality Control Checklist:

3.Piping and Accessories:		
1	Will there be changes in the list of critical equipments that impact on Safety , Health and the Environment	Y
2	Will there be changes in any process control parameter ?	Y
3	Will there be changes in the Quality Plan ?	Y
04	Will there be changes in the formula or specification of any of the raw materials , intermediates and/or product ?	Y
5	Will there be a relevant change in the energy consumption ?	Y
6	Will there be a relevant change in the water or gas emission , wastes and particulates ?	Y
7	Will there be changes in the Industrial Hygiene aspects (Physical , Chemical and ergonomic aspects) ?	Y
8	Will the list of instrumentation that impacts on the Product's quality be altered ?	Y
9	Will the list of Equipments that impact on the Product's quality be altered ?	Y
10	Does this change impact the product's quality ?	Y
11	Will it be necessary to alter the product register at Regulatory agencies ?	Y
12	Is the modification based on any test or experiment made previously ?	Y
13	Is the modification based on a client's request ?	Y
14	Others:	

4)Process Safety,Quality and training documentation to be updated:

Doc Id	Document Title	Update	Responsible Party	Target Date	Completed Date
1	Normal Procedure	N			
2	PiPing and	N			
3	Operating manual	N			
4	Raw Materials and	N			
5	Material Safety	N			
6	Risk Assessment	N			
7	List of EQUIPMENT's	N			
8	List of prevention	N			
9	Area's training	N			
10	Product Quality	N			
11	Lay out	N			
12	Electric / Logical /	N			
13	EQUIPMENT's Data	N			
14	Legalization	N			
15	Area classification	N			
16	ERP data update	N			
17	Identification &	N			

Technical service:

P & ID Verification:	true
Process Verification:	true
Any specific Requirement:	dghdgh
VP technology Approval Required?	Y

Safety & Environment Depatment

6)Risk Assessment recommendation
dsfsd
7)Identification of Aspects and Impacts on safety,Health and Envirnoment
fdsfsdf

Engineering Department**QC Derpartment**

6)Risk Assessment recommendation
sd
7)Identification of Aspects and Impacts on safety,Health and Envirnoment
ds

Case Overview (Workflow)

Stage	Action User	Action Taken	Action Date	Comment
MOC Request	Rajesh Govindrao	Created	02-FEB-2016	sdfsdf
Respective Head	Bharatkumar	Promoted	02-FEB-2016	ok
Production Head	Navin Chhaganlal	Promoted	02-FEB-2016	f
TS Verification	Ayyalasomayajula	Inserted	02-FEB-2016	dhdhg
TS Approval	Sanjay Kumar	Promoted	02-FEB-2016	f
HSE Verification	Bharatkumar	Inserted	02-FEB-2016	sdfsdfsdf
HSE Approval	Bharatkumar	Promoted	02-FEB-2016	sdfsdf
HSE Approval	Bharatkumar	Promoted	02-FEB-2016	sdfsdf
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Stage	Action User	Action Taken	Action Date	Comment
Electrical Cost	Rajendra Dhanpal	Inserted	02-FEB-2016	345345
Engineering Head	Hiteshkumar	Promoted	02-FEB-2016	dsfsd
QC Verification	Maheshkumar	Inserted	02-FEB-2016	sd
QC Approval	Maheshkumar	Promoted	02-FEB-2016	sdfsd
Unit Head Approval	Gurish S Khosla	Promoted	02-FEB-2016	dfgdf
Safety Head	Shailesh Bhogilal	Promoted	02-FEB-2016	02125
VP Technology	Pramod Telegaon	Promoted	02-FEB-2016	02195
VP Operation	Pramod garg	Promoted	02-FEB-2016	00995
Moc Conformation	Rajesh Govindrao	Verified	02-FEB-2016	01565