

NSRP STG3 Replacement Project	 Nghi Son Refinery and Petrochemical Limited Liability Company	Doc. No. S-113-216A-0001PH	
		Rev. 0	Page 1 of 6
Contractor Job No.: 144/2024/NSRP.CPSP-PTSC		Date: 09-May-2025	

MATERIAL APPROVAL REQUEST FOR PIPING MATERIAL (PIPE, FITTING, BOLT GASKET, MANUAL VALVE)

Unit No.: **Not Applicable**

Unit Abbreviation.: -

Document Class: X

Issue Purpose	For Purchase
---------------	--------------

Rev	Date	Page	Description	Prepared	Reviewed	Approved
0	09-May-25	All	Issue for Construction	T.V.Duc	N.N.Lap	N.B.Tuan
C	22-Apr-25	All	Issue for Approval	T.V.Duc	N.N.Lap	N.B.Tuan
B	11-Apr-25	All	Issue for Approval	T.V.Duc	N.N.Lap	N.B.Tuan
A	03-Apr-25	All	First Issue	T.V.Duc	N.N.Lap	N.B.Tuan



NSRP STG3 Replacement Project			Rev. 0
<u>Document Title:</u> Material Approval Request for Piping Material (Pipe, Fitting, Bolt, Gasket, Manual Valve)		Doc. No. S-113-216A-0001PH	Page 2 of 6

MATERIAL APPROVAL REQUEST (MAR)

Project:	STG3 Replacement Project		
Owner Name:	Nghi Son Refinery and Petrochemical LLC		
Contractor Name	PetroVietnam Technical Services Corporation (PTSC)		
Contractor JOB Code:	144/2024/NSRP.CPSP-PTSC		
Subcontractor:	N/A		
MAR No:	S-113-216A-0001PH	Rev No: 0	

Description of Material:	Piping Material (Pipe, Fitting, Bolt, Gasket, Manual Valve)		
Requirement / Reference / Specification:(Inclection no as applicable)	S-000-1360-0002V: Piping material specification		
Purpose / Intend of Use:	Installation		
Vendor / Supplier:	TBA		

<u>Discipline:</u> ☐ Mechanical ☐ Electrical ☐ Pire Proofing ☐ Civil ☐ Instrument ☐ Painting ☐ Architectural ☐ Structural ☐ Tanks ☒ Piping ☐ Insulation ☐ Others	Manufacturer Name and Brand: Detail in Section 3-Vendor Propose		
---	--	--	--

Manufacturer in Vendor List	☒ Yes	☒ No
Conformance to Specification	☒ Yes	☐ No

<u>Attachments:</u>	
☒ Profile	☒ Supplier Specification
☒ Catalogue	☒ Certification (Sample)
☒ Data sheet	☐ Reference List
☐ Sample	☐ Deviation List

Contractor (PTSC)		
Notes / Comments: We selected the qualified suppliers who follow the project requirements and ITP.		
Name:	Signature:	Date:



NSRP STG3 Replacement Project			Rev. 0
<u>Document Title:</u> Material Approval Request for Piping Material (Pipe, Fitting, Bolt, Gasket, Manual Valve)		Doc. No. S-113-216A-0001PH	Page 3 of 6

<u>Owner (APT)</u>	
Notes / Comments:	Construction Manager Notes / Comments:
☐ Approved ☐ Approved with Comments ☐ Rejected	
Name:	Name:
Signature:	Signature: Date:
Date:	
<u>NSRP</u>	
Notes / Comments:	Construction Manager Notes / Comments:
☐ Approved ☐ Approved with Comments ☐ Rejected	
Name:	Name:
Signature:	Signature: Date:
Date:	



NSRP STG3 Replacement Project			Rev. 0
<u>Document Title:</u> Material Approval Request for Piping Material (Pipe, Fitting, Bolt, Gasket, Manual Valve)		Doc. No. S-113-216A-0001PH	Page 4 of 6

1. PURPOSE

The purpose of this submission document is to propose Steel Pipe, Pipe Fitting, Bolt Nuts and Gasket to use for the STG3 Replacement Project.

2. REFERENCE

- ✓ S-000-1360-0002V: Piping material specification.
- ✓ S-000-1360-0009V: Technical specification for manual valve

3. MTO

The specifications for Pipes, Fittings, Bolts & Nuts, and Manual Valves are provided in *Attachment 1.0-MTO*.

The quantities and size listed in this MTO are for reference only. The Contractor is responsible for accurately calculating and procuring the required materials to ensure sufficient supply for construction.

4. VENDOR PROPOSE

ITEMS	MANUFACTURE	ORIGIN	REMARK
Pipe	JFE Steel Corporation	Japan	NSRP Vendor List
	Hyundai RB Co.,Ltd	Korea	NSRP Vendor List
	Sanyo Co.,Ltd	Japan	NSRP Vendor List
	Nippon Steel Corporation	Japan	NSRP Vendor List
	NSSMC	Japan	NSRP Vendor List
	Seah Steel	Korea	
Fitting (Flange, Tee, Elbow, Nipple, Cap, Coupling, reducer, Outlet, Paddle)	Benkan	Japan/ Thailand	NSRP Vendor List
	Pusan Fitting Corporation	Korean	
	Samyoung	Korean	
	DNP	Korean	
	Sungwon Fitting Co.,Ltd	Korean	
	Sungkwang Bend	Korean	

NSRP STG3 Replacement Project			Rev. 0
<u>Document Title:</u> Material Approval Request for Piping Material (Pipe, Fitting, Bolt, Gasket, Manual Valve)		Doc. No. S-113-216A-0001PH	Page 5 of 6

	Hwajin	Korea	
	ST Eng	Korea	
	Hyundae Fitting (HDFCO)	Korea	
	Metalfar	Italy	
	Ulma	Spain	
	Delcorte Fitting	France	
	IML/Mega	Italy	
	Samoh Fitting	Korea	
Valve	Kitz Corporation	Japan	NSRP Vendor List
	PK Valve Co.ltd	Korea	NSRP Vendor List
	Hawks Co.,Ltd	Korea	
Gasket	Nippon Valqua	Japan/ Viet Nam	NSRP Vendor List
	Nichias	Japan/ Malaysia	NSRP Vendor List
	Chesterton SJP Sealing	Singapo	
	TaeHwa Kalpa Seal Co.,Ltd	Korea	
Bolt	Engineering Edge Vietnam	Vietnam	
	Alpha Fastener	Vietnam	

5. MANUFACTURE PROFILE

Attachment 1.1: Seah Steel

Attachment 2.1: Pusan Fitting Corporation

Attachment 2.2: Samyoung Fitting

Attachment 2.3: DNP

Attachment 2.4: Sung Won Fitting



NSRP STG3 Replacement Project			Rev. 0
<u>Document Title:</u> Material Approval Request for Piping Material (Pipe, Fitting, Bolt, Gasket, Manual Valve)		Doc. No. S-113-216A-0001PH	Page 6 of 6

Attachment 2.5: Sungkwang Bend

Attachment 2.6: Hwajin

Attachment 2.7: ST Eng

Attachment 2.8: HDFCO

Attachment 2.9: Metalfar

Attachment 2.10: Ulma

Attachment 2.11: Delcorte Fitting

Attachment 2.12: IML

Attachment 2.13: Samoh Fitting

Attachment 3.1: Hawks Valve

Attachment 4.1: Chesterton

Attachment 4.2: TaeHwa Kalpa Seal

Attachment 5.1: Engineering Edge

Attachment 5.2: Alpha Fastener

6. SAMPLE CERTIFICATE

Attachment 6.1: Sample Certificate of Pipe

Attachment 6.2: Sample Certificate of Fitting

Attachment 6.3: Sample Certificate of Valve

Attachment 6.4: Sample Certificate of Gasket

Attachment 6.5: Sample Certificate of Bolt



Subcontractor's Name : PTSC Thanh Hoa Technical Services Company

Employer : Nghi Son Refinery and Petrochemical LLC.

Contractor : Petrovietnam Technical Service Corporation (PTSC)

Project Name : STG3 Replacement Project

Subcontractor No. : N/A

Document Title : Material Approval Request for Piping Material - 2

Contractor Doc. No. : VPH3160-004-A-702 **Revision No.:** 1

Issue Purpose to Contractor : FA

Review Result Sticker (Filled by PTSC and NSRP)		
Result CODE: A, B, R, F, C		
Next Status: FA, FC		
Re-submission Date:		
Responsible Dept./Person:		
	PTSC	NSRP Endorsement
Checked by (Name, Sign)	()	()
Result Code	()	()
Date	()	()
Approved By (Name, Sign)	()	
A - Approved/ Reviewed; B - Approved/ Reviewed with comment; R - Not approved; F - Not subject to approval/ review; C - Cancelled		
Issue Purpose Sticker		
Issue Purpose to Employer: FA, FR, FI, FC	()	
Document Class: Z, X, Others	()	

		
Job Code: 144/2024/NSRP.CPSP-PTSC Title: Material Approval Request for Piping Material - 2	Contractor Doc. No.: VPH3160-004-A-702	REV - 1
		Date: 17-Mar-26

MATERIAL APPROVAL REQUEST FOR PIPING MATERIAL - 2

Unit No.: 113

Unit Abbreviation.: STG6

Document Class: X

Issue Purpose	For Approval
---------------	--------------

Rev	Date	Revision Status	Revise Page	Prepared	Reviewed	Approved
1	17-Mar-26	Issued for Approval	All	T.V.Duc	N.N.Lap	N.B.Tuan
0	12-Mar-26	First Issue	All	T.V.Duc	N.N.Lap	N.B.Tuan

 A member of PETROVIETNAM		
Job Code: 144/2024/NSRP.CPSP-PTSC Title: Material Approval Request for Piping Material - 2	Contractor Doc. No.: VPH3179-004-A-702	REV - 1 Date: 17-Mar-26

1. PURPOSE

The purpose of this submission document is to propose Piping Material (Pipe, Fitting, Bolt, Gasket) to use for the STG3 Replacement Project.

2. REFERENCE

✓ S-000-1360-0002V: Piping material specification

3. MANUFACTURE PROPOSE

4. ITEMS	MANUFACTURE	ORIGIN	REMARK
Pipe	LS Metal Co.,Ltd	Korea	
	Gana Steel Co.,Ltd	Korea	
Gasket	Le Gia Sealing Material Co.,Ltd	Viet Nam	
Bolt	Quang Thai Bu Long Production JSC	Vietnam	
	Hwasung Fasteners Co.,Ltd	Korea	

5. COMPANY PROFILE

Attachment 1.1-Company Profile-LS Metal

Attachment 1.2-Company Profile-Gana Steel

Attachment 1.3-Company Profile-Le Gia Seal

Attachment 1.4-Company Profile-Quang Thai Bu Long

Attachment 1.5-Company Profile-Hwasung Fasteners

6. SAMPLE CERTIFICATE

Attachment 2.1: Pipe Sample Mill Certificate

Attachment 2.2: Gasket Sample Cert

Attachment 2.3: Bolt Sample Certificate