



# PT. AG IRM SERVIS INDONESIA



## VISUAL INSPECTION REPORT

### Job Details

<b>Client</b>	: PT. Armada Gema Nusantara	<b>Material</b>	: PIPE SMLS B444 Gr UNS N06625
<b>Project Name</b>	: CMP Project	<b>Design Temperature</b>	: 107
<b>P.O. Number</b>	: 4500215518	<b>Operating Temp</b>	: 63
<b>Location</b>	: Module	<b>Design Pressure</b>	: 32.8 Barg
<b>Installation</b>	: FPSO KAS III	<b>Operating Pressure</b>	: 26.2 Barg
<b>Date of Inspection</b>	: 0052-12-09	<b>Rep Line</b>	: No
<b>Report No</b>	: 20AGN22191410PP424	<b>Corrosion Loop</b>	: 078-OW-A
<b>AG IRM Project No</b>	: 20AGN2219	<b>Line From</b>	: 1"-BA200-16-PW-7014-N
<b>Component ID</b>	: 0.5-BA200-16-PW-7015-N	<b>Line To</b>	: 1/2"-BA200-16-OW-7019-N
<b>Component Type</b>	: Piping	<b>P&amp;ID</b>	: PID-3502

### Inspection Summary

Isometric Index	Results	Rectification WO No.
j	j	jj
j	j	j
jj	j	j
jj	j	j
j	j	j
j	j	jj
j	j	j

### External Inspection Checklist for Process Piping

{2-AC111-54-UW-2003-N}

#### Section 1 - Structural

- a) Check and ensure expansion joints are not bent out of shape.
- b) Check for any dents and misalignments, overhung, inadequate

#### Section 2 - Piping Supports

- a) Check for missing supports that can cause the pipe to rupture under weight.

#### Section 3 - Coating

- a) Assess the coating condition of the piping system.

#### Section 4 - Leaks

- a) Check for leaks and identify locations.

#### Section 5 - Corrosion

- a) Identify corroded areas and record them. Take measurements and record pit depth.

#### Section 6 - Insulation and Insulation Penetrations

- a) Ensure all cladding is sealed.
- b) Seal all exposed areas.
- c) Expose some insulation are not vibrating or cracking.

#### Section 7 - Small Bore Attachments

- a) Ensure all small bore attachment are not vibrating or cracking.

#### Section 8 - Threaded Plugs

- a) Check condition of threaded plugs to ensure they are not corroded.

#### Legend

- Status ✓ : Drawing as per actual condition, no anomaly
- Status X : Drawing as per actual condition, found anomaly
- n/a X : Not exist at drawing and actual condition, no access for inspection

#### Comments

sfea  
gaje  
ag

Status	Discrepancy	Photo ref
	S	
	S	
	S	
	S	
	S	
	S	
	S	
	S	
	S	
	S	
	S	

	Name:	Qualification	Signature
API Inspector	Ercarter E. Silalahi	API 570/API 510	



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ABS In-Water Specialist  
Cert No. 21-4655696-A  
ABS ESP Hull Gauging  
Cert No. 21-4655692-A  
ABS Remote Inspection Techniques  
Cert No. 21-4996595-A  
SKUP MIGAS NDT ★★ ★

VISUAL INSPECTION REPORT

Photographic Support