



# PT. AG IRM SERVIS INDONESIA



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

### Job Details

<b>Client</b> : PT. Armada Gema Nusantara	<b>Material</b> : PIPE SMLS jj Gr j
<b>Project Name</b> : CMP Project	<b>Design Temperature</b> : jj
<b>P.O. Number</b> : 4500215518	<b>Operating Temp</b> : j
<b>Location</b> : Module	<b>Design Pressure</b> : j Barg
<b>Installation</b> : FPSO KAS III	<b>Operating Pressure</b> : j Barg
<b>Date of Inpection</b> : 9802-05-24	<b>Rep Line</b> :
<b>Report No</b> : lj	<b>Corrosion Loop</b> : j
<b>AG IRM Project No</b> : 20AGN2219	<b>Line From</b> : j
<b>Component ID</b> : e	<b>Line To</b> : j
<b>Component Type</b> : Piping	<b>P&amp;ID</b> : j

### Inspection Summary

Isometric Index	Results	Rectification WO No.
e	e	e

### 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

Status	Discrepancy	Photo ref
	e	
	e	

#### Section 2 - Piping Supports

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

Status	Discrepancy	Photo ref
	e	

#### Section 3 - Coating

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

Status	Discrepancy	Photo ref
	e	

#### Section 4 - Leaks

- a) Check for leaks and identify locations.

Status	Discrepancy	Photo ref
	e	

#### Section 5 - Corrosion

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

Status	Discrepancy	Photo ref
	e	

#### 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.

Status	Discrepancy	Photo ref
	e	
	e	
	e	

#### Section 7 - Small Bore Attachments

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

Status	Discrepancy	Photo ref
	e	

#### Section 8 - Threaded Plugs

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

Status	Discrepancy	Photo ref
	e	

#### 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

e

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



VISUAL INSPECTION REPORT

Photographic Support

tes



Fig. 1

tes



Fig. 2

tes3



Fig. 3

test4



Fig. 4

test4



Fig. 5

test5



Fig. 6



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## VISUAL INSPECTION REPORT

Isometric





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