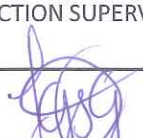
		INSPECTION SHEET No.		CTC00805555		TCE00512646	
INSPECTION DESCRIPTION			CP1-1 - QUALITY INSPECTION OF THE SURFACE PREPARATION WORK				
SHIP 53C			ORDER No. COS-SMB-200120_E		JOB ORDER FILE CC-200120-22310-13-001 - <i>A</i>		
INSPECTION QUALIFICATION			CONSTRUCTOR		INSPECTION MODE		QC
INSPECTION SUPERVISOR			QC				
ACCEPTANCE CRITERIA			SMB-030610 / SMB-002522 <i>B E</i>				
SCOPE OF INSPECTION			100%				
OBSERVATIONS:							
ELEMENTS TO BE INSPECTED	No. OF INSPECTION RECORD	NO. OF INSPECTION	CONFORM		NCR / RO Nº		
			Y	N			
53C-SC4-BT1-PD	<i>CPJ-J</i>	CTE00805556	<i>X</i>	<i>—</i>	<i>—</i>		
53C-CL105-EL121	<i>CPJ-J</i>	CTE00805556	<i>X</i>	<i>—</i>	<i>—</i>		
53C-CL105-EL122	<i>CPJ-J</i>	CTE00805556	<i>X</i>	<i>—</i>	<i>—</i>		
53C-CL105-EL131	<i>CPJ-J</i>	CTE00805556	<i>X</i>	<i>—</i>	<i>—</i>		
INSPECTION SHEET CLOSURE							
NAME OF INSPECTION SUPERVISOR:			José G. de S. Galvão Inspetor de Pintura Nível - I ABRACO SNOG - CP Nº 0683 Corpo Técnico da Marinha ICN - Itaguaí Construções Navais S/A			ENTITY: <i>C2</i>	
SIGNATURE: 						DATE: <i>29/05/2015</i>	

## CP1-1 : Quality inspection of the surface preparation work

SMB-030610 - 13

## A: Identification

Inspection request N°:		Job Order technician's name:	
CTE00805556		Macaulay Willian L. R. da Silva	
Order N° (issue):	Manufacturing or installation order N° (issue):	Ship:	
COS-SMB-200120_E	MANUFACTURING OF FORWARD BATTERY COMPARTMENT	53C	
Designation of the product and production phase:	53C-SC4-BT1-PD, 53C-CL105-EL121, 53C-CL105-EL122, 53C-CL105-EL131	Critical surface: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Qualification of the operators: Complete (M)

B: Lifting of hold points (X)		INSPECTOR Name - Date - Signature	Remarks Anomaly processing sheet
Plate preparation (D)	X	José G. de S. Galvão Inspeção de Pintura Nivel - I 28/05/2019	
Surface Preparation (H,I,J)	X	José G. de S. Galvão Inspeção de Pintura Nivel - I 28/05/2019	


C: Designation of measuring instruments	Metrology N°	Validity Date
Kit Teste Poeira	N/A	N/A
Termo-Higrômetro	THS-006	09/03/2019
Termômetro Contato	THS-006	09/03/2019
Comparador Padrão Rugosidade	PKS-002	09/03/2019
Condutivímetro Multi 340	N/A	N/A

## CP1-1 : Quality inspection of the surface preparation work

SMB-030610 - 6

## D: Acceptance of plating preparation

SMB-002522 - E

	Level required (X)	INSPECTOR		Remarks
		<input checked="" type="checkbox"/> C	<input type="checkbox"/> NC	
P1		Name: José G. de S. Galvao Inspetor de Pintura Nivel - I		
P2	X	Date: 29/05/2014		
P3		Signature: 		

## ACCEPTANCE OF SURFACE PREPARATION WORK

## E: Check for no greasy matter

Required ☒ Yes ☐ No

SMB-326400 - A

Type of test: Aprovado na Inspeção Visual / WATER SPRAYED TEST


## F: Level of care

Required ☒ Yes ☐ No

Complete stripping of coated or uncoated surfaces. SMB-326396 - A

☐ Sa1   ☐ Sa2   ☒ Sa2 1/2   ☐ Sa3   ☐ ST2   ☐ ST3

Local stripping of damaged protection SMB-326396 - A

☐ PSa2   ☐ PSa2 1/2   ☐ PSa3   ☐ PMA   ☐ PST2   ☐ PST3
N/A 

## G: Surface state

Required ☒ Yes ☐ No
 Comparator G: irregular grains SMB-326395 - A  
 Medium G → 60µm ≤ Ry5 < 100µm

☐ Fine   ☒ Medium   ☐ Coarse

Ry5 measured:



Comparator S: spherical or nodular grains SMB-326395 - A

☐ Fine   ☐ Medium   ☐ Coarse
N/A 

## CP1-1 : Quality inspection of the surface preparation work

SMB-030610 -B

## H: Surface preparation

## INSPECTOR

☒ C    ☐ NC

Name:

José G. de S. Galvão  
 Inspetor de Pintura Nivel - I  
 ABRACO SNOQ - CP Nº 0563  
 Corpo Técnico da Marinha  
 ICN - Itaguaí Construções Navais S/A

Date:

29/01/2019

Signature:



## I: Dust. SMB-326399 -A

Required

☐

Yes

☒

No

## LEVEL REQUIRED

- Quantity  $\leq 2$
- Dimension  $\leq 2$

## INSPECTOR

☐ C    ☐ NC

Name:

Date:

Sign:

## ASSESSMENT OF DEGREE OF DUST REMOVAL

## SPECIMEN:

## SAMPLING

## LOCATION


## CP1-1 : Quality inspection of the surface preparation work

SMB-030610 -B

J: Soluble salts. SMB-326398 -A		Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	1st Reading	2nd Reading	3rd Reading	4th Reading
Location				
Initial conductivity C1 =	$\mu\text{S/cm}$	$\mu\text{S/cm}$	$\mu\text{S/cm}$	$\mu\text{S/cm}$
Measured conductivity (after injection) C2 =	$\mu\text{S/cm}$	$\mu\text{S/cm}$	$\mu\text{S/cm}$	$\mu\text{S/cm}$
Result obtained $(C2-C1) \times 0.6 = P =$	$\mu\text{g/cm}^2$	$\mu\text{g/cm}^2$	$\mu\text{g/cm}^2$	$\mu\text{g/cm}^2$
LEVEL REQUIRED: $N \leq 7 \mu\text{g/AJS1}$	INSPECTOR: <input type="checkbox"/> C <input type="checkbox"/> NC			
	Name: _____ Date: _____ Signature: _____			