

# CABIN STRUCTURE QUALITY HOT CHECKLIST

Running No.:		Updated By:	Jonathan Chetty
Frame No.:		Checks Updated:	2021/07/07

Disposition Key:	0	Pass
	X	Fail (Concession required)
	Δ	Rework required

No.	Description of inspection	Disposition	Validation after rework		Sign
			Repairer	Disposition	
1	WELDS ARE CLOSED				
2	NO PIN HOLES ON CAB STRUCTURE				
3	SEALANT IS APPLIED CORRECTLY <ul style="list-style-type: none"><li>JOINTS ARE CLOSED</li><li>NO BREAKS IN THE SEALANT</li><li>CORRECT BEAD</li></ul>				
4	RIVET NUTS ARE PROPERLY CRIMPED <ul style="list-style-type: none"><li>RIVETS ARE MARKED</li><li>CORRECT GRIP RANGE USED</li></ul>				
5	NO MISS WELDS PRESENT AFTER SANDBLASTING				
6	NO VISUAL MISS WELDS (INSPECTION AFTER SEALING)				
7					
8					
9					
10					
11					
12					
13					
14					

Quality approval for release Signature	CO. NO:	DATE
	2285	20.02.2024



## FAULT TRACKING

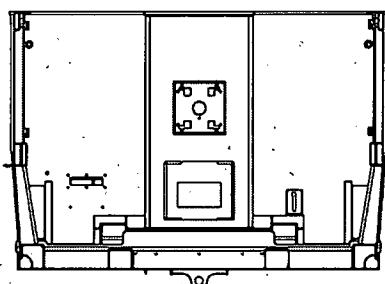
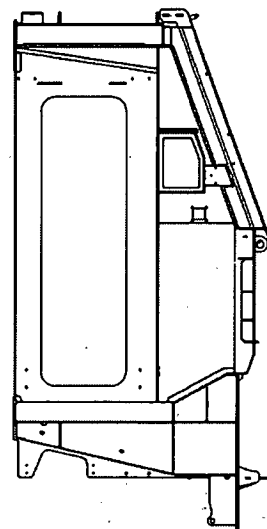
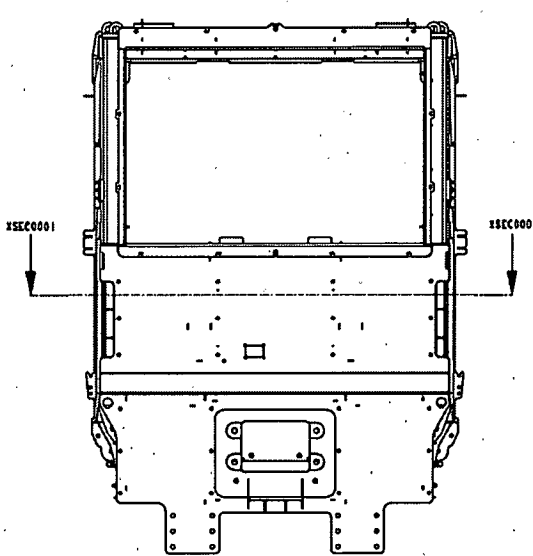
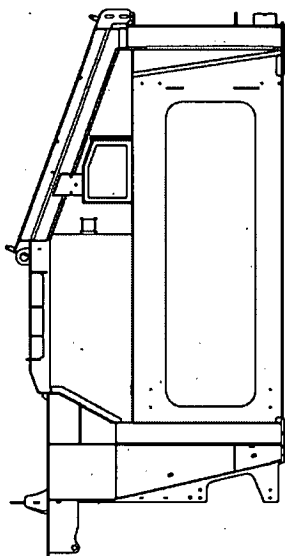
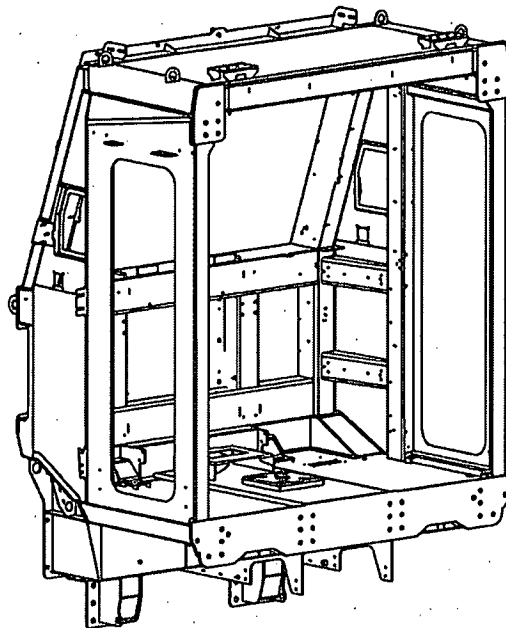
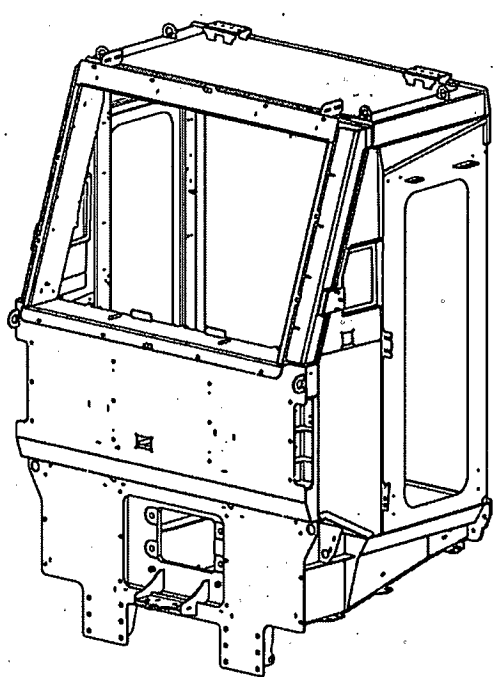
[illegible]

REMINDERS / COMMENTS									
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[illegible]

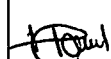
## REWORK IDENTIFICATION

(MARK SECTIONS EFFECTED NUMERICALLY)









Record of RAL 7012			
Start Time:	02:00	End Time:	05:00
Temperature $\geq 15^{\circ}$ :	29°C	Humidity $\leq 75\%$ :	37%
Paint Batch No.:	8096599	Paint Expiry Date:	21-09-2024
Hardener Batch No.:	7250479041	Hardener Expiry Date:	04/24
Desolvation Start Time:	05:00	Desolvation End Time:	05:15
Stoving Start Time:	05:15	Stoving End Time:	06:15
Stoving Temp:	60°C		
Operator:	Ntuthuko	Sign:	ns kangis
Date:	2024/02/20		
RAL 7012 Control			
DFT Interior RHS		DFT Interior LHS	
1: 186	5: 134	1: 117	5: 171
2: 126	6: 136	2: 189	6: 124
3: 102	7: 141	3: 108	7: 158
4: 197	8: 105	4: 138	8: 148
Min:	102	Min:	108
Max:	197	Max:	189
Average:	145.88	Average:	143.5
DFT Interior Floor		DFT Interior Front	
1: 126	5: 121	1: 109	5: 102
2: 196	6: 136	2: 190	6: 118
3: 182	7: 143	3: 152	7: 137
4: 118	8: 120	4: 118	8: 133
Min:	118	Min:	102
Max:	196	Max:	190
Average:	145.25	Average:	138.62
DFT Exterior LHS		DFT Exterior RHS	
1: 191	5: 141	1: 152	5: 160
2: 150	6: 136	2: 150	6: 116
3: 102	7: 197	3: 126	7: 127
4: 192	8: 194	4: 111	8: 132
Min:	136	Min:	111
Max:	197	Max:	160
Average:	167.88	Average:	134.25
DFT Exterior Front		DFT Exterior Roof	
1: 137	5: 127	1: 174	5: 152
2: 124	6: 117	2: 131	6: 103
3: 123	7: 144	3: 106	7: 108
4: 112	8: 112	4: 186	8: 112
Min:	123	Min:	112
Max:	144	Max:	186
Average:	121	Average:	134
GMS-SOS-GIBELA-PS-001 Adhesion Test			
Painting NCSS3010 R90B has been inspected and is free of defects		Confirmed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
GMS-SOS-GIBELA-PS-002 Gloss Test		Value	34.6
QC Inspector:	2385	Sign:	
Date:	20/02/24		
SEALING OF CABIN			
All areas where there is no welding has been sealed with SIKA		Confirmed	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
All sealants have been neatly applied along joints		Confirmed	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
SIGN OFF			
CLOCK No:	2385	OPERATOR SIGN:	DATE: 20/02/24

Record of Painting Blue NCSS1565 B			
Start Time:	03:00	End Time:	03:30
Temperature $\geq 15^{\circ}$ :	27°C	Humidity $\leq 75\%$ :	34%
Paint Batch No.:	8032294	Paint Expiry Date:	13-08-2024
Hardener Batch No.:	7250479041	Hardener Expiry Date:	04/24
Desolvation Start Time:	03:30	Desolvation End Time:	03:45
Stoving Start Time:	03:45	Stoving End Time:	04:45
Stoving Temp:	60°C		
Operator:	Collin	Sign:	Collin
Date:	2024/02/20		
Painting Blue NCSS1565 B Control			
DFT Exterior Door Aperture RHS		DFT Exterior Door Aperture LHS	
1: 138	5: 108	1: 128	5: 120
2: 112	6: 126	2: 140	6: 150
3: 114	7: 108	3: 128	7: 120
4: 128	8: 126	4: 121	8: 122
Min: 108	* Min: 120		
Max: 188	Max: 150		
Average: 121	Average: 138		
Painting NCSS3010 R90B has been inspected and is free of defects		Confirmed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
GMS-SOS-GIBELA-PS-002 Gloss Test		Value	91.7
QC Inspector:	238S / 228S	Sign:	
Date:	21.02.2024		

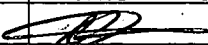


Record of Painting NCSS3010 R90B			
Start Time:	10:00	End Time:	10:30
Temperature $\geq 15^{\circ}$ :	31°C	Humidity $\leq 75\%$ :	32%
Paint Batch No.:	7250479041	Paint Expiry Date:	17.10.2024
Hardener Batch No.:	8136210	Hardener Expiry Date:	04/24
Desolvation Start Time:	10:30	Desolvation End Time:	10:45
Stoving Start Time:	10:45	Stoving End Time:	11:45
Stoving Temp:	60°C		
Operator:	Collin	Sign:	Collin
Date:	20 24/02/20		
Painting NCSS3010 R90B Control			
DFT Interior Door Aperture RHS		DFT Interior Door Aperture LHS	
1: 170	5: 162	1: 163	5: 149
2: 101	6: 168	2: 97.6	6: 99.7
3: 115	7: 113	3: 101	7: 112
4: 66	8: 115	4: 132	8: 134
Min:	106.4	Min:	97.6
Max:	196	Max:	163
Average:	128	Average:	131
Painting NCSS3010 R90B has been inspected and is free of defects		Confirmed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
GMS-SOS-GIBELA-PS-002 Gloss Test		Value	32.8
QC Inspector:	2285 / 2285		
Date:	21.02.2024		
		Sign:	

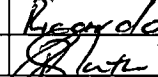
Record of Priming							
Start Time:		18:00		End Time:		20:00	
Temperature $\geq 15^{\circ}$ :		25°C		Humidity $\leq 75\%$ :		37%	
Paint Batch No.:		7296866		Paint Expiry Date:		06-05-2024	
Hardener Batch No.:		7287732		Hardener Expiry Date:		15-04-2024	
Desolvation Start Time:		20:00		Desolvation End Time:		20:15	
Stoving Start Time:		20:15		Stoving End Time:		21:15	
Stoving Temp:		60°C					
Operator:		Craig		Sign:		Craig	
Date:		20/02/16					
Priming Control							
DFT Interior RHS		DFT Interior LHS		DFT Floor		DFT Interior Front	
1: 89.9	5: 101	1: 123	5: 116	1: 73.9	5: 96.6	1: 84.5	5: 84.4
2: 72.8	6: 83.4	2: 65	6: 112	2: 83.4	6: 86.6	2: 65.1	6: 112
3: 90.2	7: 78.9	3: 60	7: 106	3: 118	7: 112	3: 90.2	7: 78.9
4: 52.4	8: 60.5	4: 87	8: 97	4: 53.2	8: 54.6	4: 107	8: 63
Min:	52.4	Min:	87	Min:	53.2	Min:	63.0
Max:	101	Max:	123	Max:	118	Max:	112
Average:	79.6	Average:	81.7	Average:	76.4	Average:	74.5
DFT Interior Roof		DFT Exterior LHS		DFT Exterior RHS		DFT Underside	
1: 119	5: 96	1: 71.4	5: 93.0	1: 105	5: 74.5	1: 84.5	5: 72.8
2: 97.8	6: 107	2: 64.8	6: 56.7	2: 63.0	6: 65.8	2: 60.6	6: 73.9
3: 93	7: 68.9	3: 57.0	7: 82.9	3: 102	7: 112	3: 60.1	7: 52.4
4: 107	8: 63.0	4: 53.0	8: 55.7	4: 52.4	8: 71.2	4: 62.1	8: 84.4
Min:	63.0	Min:	53.0	Min:	62.4	Min:	60.1
Max:	119	Max:	82.9	Max:	105	Max:	84.5
Average:	77.6	Average:	64.7	Average:	78.9	Average:	73.5
DFT Exterior Front		DFT Exterior Roof		DFT Machined Base		DFT Machined Top RHS/LHS	
1: 122	5: 87	1: 56.7	5: 84.5	1: 192	5: 141	1: 67.9	5: 84.2
2: 127	6: 81.9	2: 72.8	6: 70.1	2: 135	6: 78.9	2: 54.8	6: 124
3: 102	7: 78.2	3: 49.5	7: 54.8	3: 128	7: 88.9	3: 134	7: 102
4: 78.9	8: 72.1	4: 88.4	8: 61.6	4: 102	8: 161	4: 98	8: 92.8
Min:	72.1	Min:	56.7	Min:	78.9	Min:	47.9
Max:	127	Max:	88.4	Max:	135	Max:	134
Average:	85.6	Average:	68.2	Average:		Average:	
Primer has been inspected and is free of defects				Confirmed		Yes	<input checked="" type="checkbox"/> No
QC Inspector:		2385		Sign:			
Date:		20/02/24					

Shot Blasting					
Shot Blasting Pre-Inspection					
All external threads masked		Confirmed	Yes	<input checked="" type="checkbox"/>	No
Fasteners positioned in all Rivnuts and Bosses		Confirmed	Yes	<input checked="" type="checkbox"/>	No
Masked as per GMS-SOS-GIBELA-CABIN-001		Confirmed	Yes	<input checked="" type="checkbox"/>	No
Operator:	DAVID	Sign:			
Date:	2024/02/16				
Record of Shot Blasting					
Operator:		Date:	2024/02/16		
Start Time:	08 H13	End Time:	12 H30		
Temperature ( $\geq 15^\circ$ ):	20-04°C	Humidity ( $\leq 75\%$ ):	70-02 %		
Shot Blasting Self Inspection					
Interior of Cabin: Sa 1 - Light Stripping		Confirmed	Yes	<input checked="" type="checkbox"/>	No
When examined with the naked eye, the surface free of any trace of oil, grease and dirt, and from poorly adhering materials such as scale, rust, paint and foreign particles.		Confirmed	Yes	<input checked="" type="checkbox"/>	No
Exterior of Cabin: Sa 2 1/2 - Very Thorough Stripping		Confirmed	Yes	<input checked="" type="checkbox"/>	No
		Confirmed	Yes	<input checked="" type="checkbox"/>	No
Operator:	DAVID	Sign:			
Date:	2024/02/16				
Shot Blasting Cleaning					
Cabin free of all sand		Confirmed	Yes	<input checked="" type="checkbox"/>	No
Operator:	DAVID	Sign:			
Date:	2024/02/16				
Shot Blasting Control					
Temperature $\geq 15^\circ$ :	22-03 %	Humidity $\leq 75\%$ :	73-01 %		
Internal Roughness $3.2 \leq Ra \leq 12.5$	8.973 RZ	External Roughness $3.2 \leq Ra \leq 12.5$	9.627 RZ		
QC Inspector:	NA	Sign:			
Date:					

### Cabin Bracket Assembly: GN002833

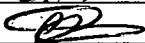
Assembly Completed as per WI/SOS MD_0091		Confirmed	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Operator:	CHARL BLOOM	Assembly Date:	20 <u>24</u> / <u>02</u> / <u>01</u>			
Sign:		Wire Batch No.:	<u>2202152</u>			

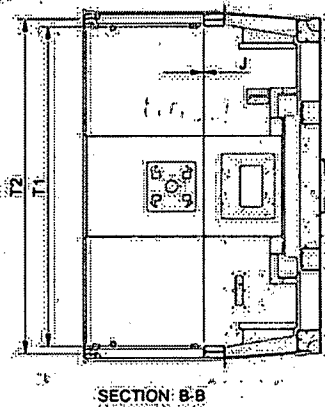
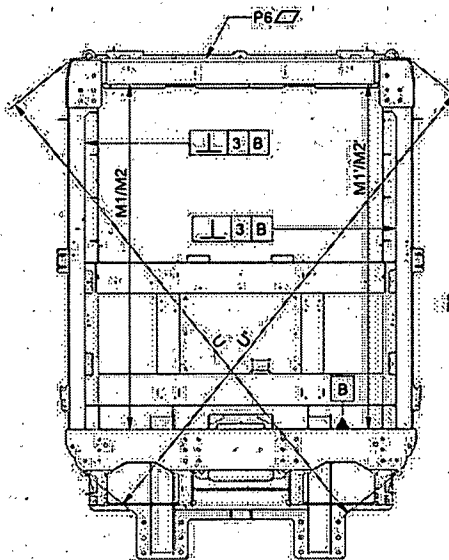
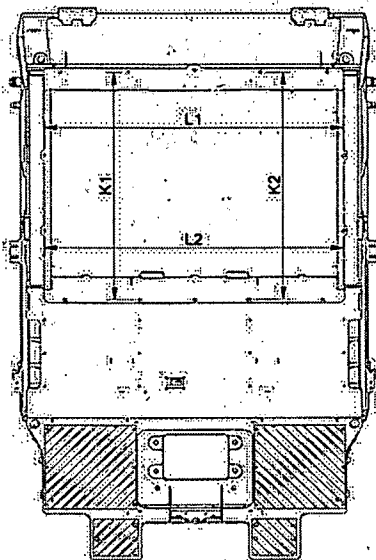
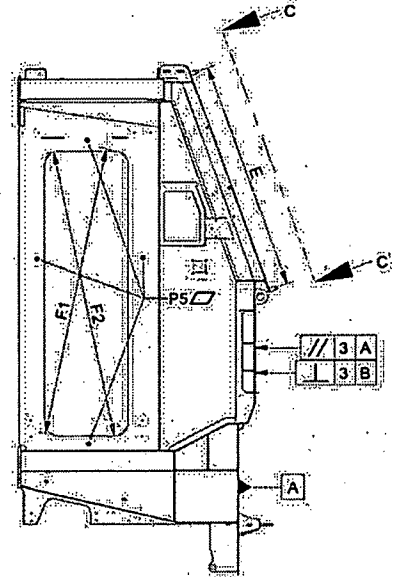
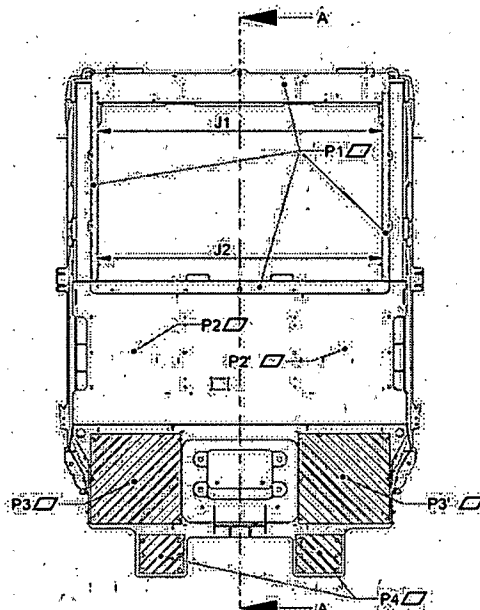
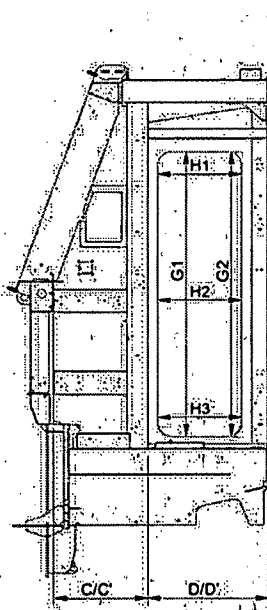
### Cabin Rivnut Assembly: GN002832

Assembly Completed as per WI/SOS MD_0092		Confirmed	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Operator:	Ricardo	Assembly Date:	20 <u>24</u> / <u>02</u> / <u>12</u>			
Sign:		Wire Batch No.:				

Welding Control									
Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042				Confirmed		Yes		<input checked="" type="checkbox"/> No	
QC Inspector: <u>Leon</u>		Sign: <u>A</u>		Date: 20 <u>24</u> / <u>02</u> / <u>01</u>					
Dimensional Control									
Rep	Theoretical Dim	Toler.	LHS / Dimension Measured / RHS		Observations				
C / C'	625	± 2	625	625	Acceptable				
D / D'	813	± 2,5	811	811					
E	1531.5	± 3	1531		Acceptable				
G1 / G'1	Height	+1	1897	1897	Acceptable				
G2 / G'2	1900	-3	1899	1898					
H1 / H'1	Width 560	+1 -3	557	557	Acceptable				
H2 / H'2			557	557					
H3 / H'3			558	559					
F1 / F'1	Diagonals 1939		1935	1935	Acceptable				
F2 / F'2			1936	1935					
Difference	F1-F2 / F'1-F'2	≤ 4	1	0	Acceptable				
J	Gap of Doors	± 1,5	0		Acceptable				
K1 / K2	1515	± 3	1516	1514	Acceptable				
L1 / L2	1996	± 3	1998	1996	Acceptable				
M1 / M'1	2306	± 3	2468	2468	Acceptable				
M2 / M'2			2478	2477					
T1 / T'1	2130 Top/Bottom	± 3	2127	2128	Acceptable				
T2 / T'2	2230 Top/Bottom		2280	2280					
Difference	U - U' (3522)	≤ 4mm	3520	3520	Acceptable				
QC Inspector: <u>Leon</u>		Sign: <u>A</u>		Date: 20 <u>24</u> / <u>02</u> / <u>01</u>					
Geometrical Control									
Nature of checks				Toler.	LHS / Dimension Measured / RHS				
P1 / P'1	Planeity			2 mm	Passed				
P2 / P'2	Planeity			2 mm	Passed				
P3 / P'3	Planeity			4 mm	Passed				
P4 / P'4	Planeity			4 mm	Passed				
P5 / P'5	Planeity			4 mm	Passed				
P6 Roof	Planeity			6 With 2m Ruler	Passed				
Shield	//	3	A	3	Passed				
Shield	⊥	3	A	3	Passed				
Door Post.	⊥	3	A	Front	Passed				
				Back	Passed				
QC Inspector:		Sign:		Date: 20__ / __ / __					

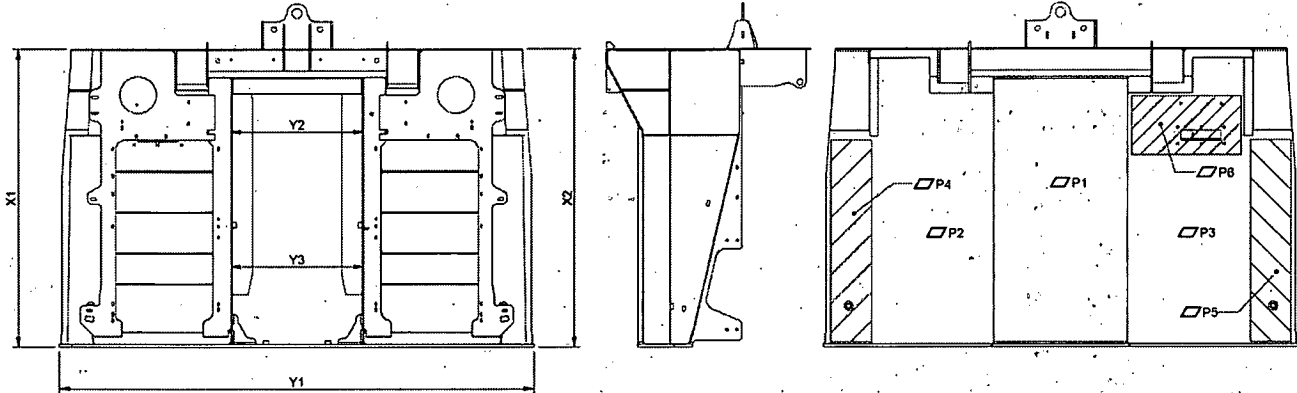
# Cabin Structure Assembly: GN002834

Assembly Completed as per WI/SOS MD_0039		Confirmed	Yes	<input checked="" type="checkbox"/> No	
Operator:	CHARL ELOEM	Assembly Date:	2024/01/25		
Sign:		Wire Batch No.:	2202152		



## Cabin Underframe Assembly: GN002835

Assembly Completed as per WI/SOS MD_0042		Confirmed	Yes	No
Operator:	<i>Michael Wood</i>	Assembly Date:	20 <u>24</u> / <u>01</u> / <u>24</u>	
Sign:	<i>[Signature]</i>	Wire Batch No.:	22-02165	



### Welding Control

Assembly Completed as per WI/SOS MD_0042		Confirmed	Yes	<input checked="" type="checkbox"/> No
QC Inspector:	<i>Leon</i>	Sign:	<i>[Signature]</i>	Date: 20 <u>24</u> / <u>01</u> / <u>24</u>

### Dimensional Control

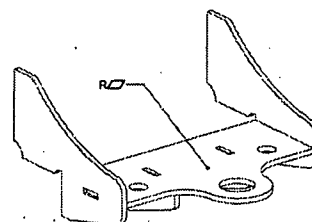
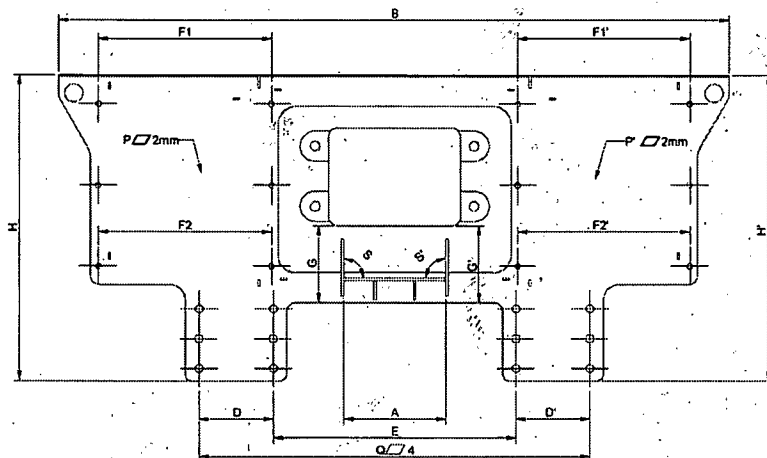
Rep	Theoretical Dim	Toler.	Dimension Measured		Measuring Equipment	Observations
X1 / X2	1485	+5 / -2	1486	1486	Tape Measure	<i>[Signature]</i>
Y 1	2354	± 3	2353			<i>[Signature]</i>
Y2 / Y3	666	± 1	667	667		<i>[Signature]</i>
QC Inspector:		<i>Leon</i>	Sign:		<i>[Signature]</i>	Date: 20 <u>24</u> / <u>01</u> / <u>25</u>

### Geometrical Control

Nature of checks		Dimension Measured	Measuring Equipment	Observations	
P1 : Planeity	4 mm	<i>Passo</i>	Ruler	<i>[Signature]</i>	
P2 / P3 : Planeity	4 mm	<i>Passo</i>	Ruler	<i>[Signature]</i>	
P4 / P5 : Planeity	2 mm	<i>Passo</i>	Ruler	<i>[Signature]</i>	
P6 : Planeity	2 mm	<i>Passo</i>	Ruler	<i>[Signature]</i>	
QC Inspector:		<i>Leon</i>	Sign:		Date: 20 <u>24</u> / <u>01</u> / <u>25</u>

## Cabin Front Headstock Assembly: GN002841

Assembly Completed as per WI/SOS MD_0019		Confirmed	Yes	<input checked="" type="checkbox"/> No	
Operator:	<i>Tk Boer</i>	Assembly Date:	2024/01/25		
Sign:	<i>[Signature]</i>	Wire Batch No.:	2202/65		



### Welding Control

Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042		Confirmed	Yes	<input checked="" type="checkbox"/> No	
QC Inspector:	<i>Low</i>	Sign:	<i>[Signature]</i>	Date:	2024/01/25

### Dimensional Control

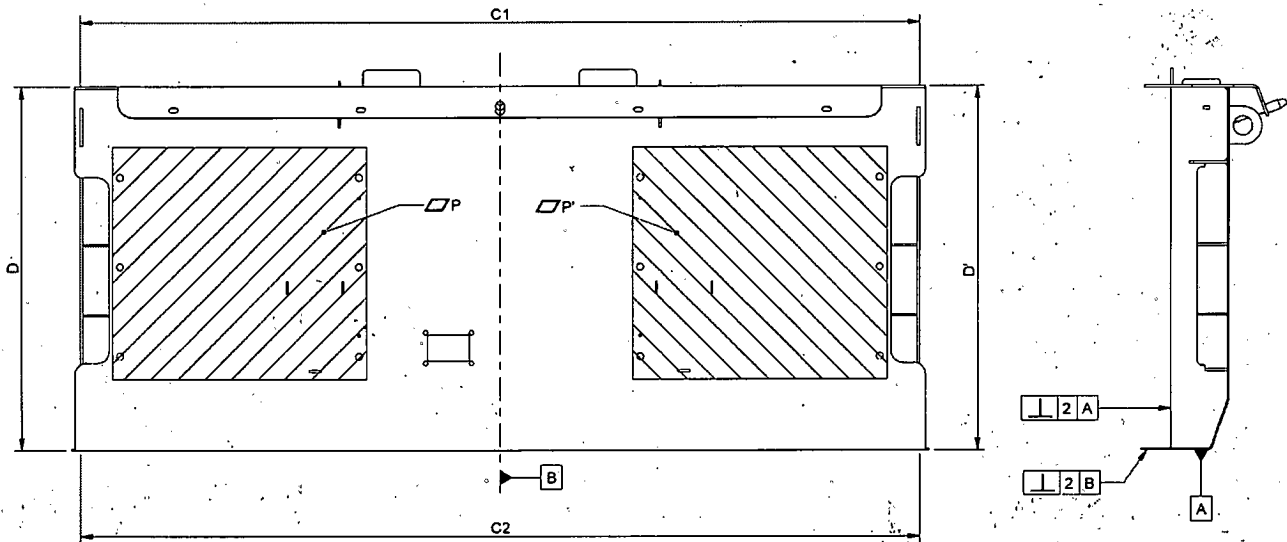
Rep	Theoretical Dim	Toler.	Dimension Measured		Measuring Equipment	Observations
A	340	± 1	340		Tape Measure	Accepted
B	2240	± 4	2244			Accepted
D / D'	250	± 1	251	251		Accepted
E	808	± 2	808			Accepted
F1 / F1'	580	± 1	581	581		Accepted
F2 / F2'			581	581		Accepted
G / G'	258	± 1	257	257		Accepted
H / H'	1019	± 2	1000	1000		Accepted
QC Inspector:		Low	Sign:			Date: 2024/01/25

### Geometrical Control

Nature of checks	Dimension Measured	Measuring Equipment	Observations
O: Planeity of global assembly	4 mm	Ruler	Acceptable
P / P': Planeity	2 mm	Ruler	Acceptable
Q: Planeity Surface of Supports	4 mm	Ruler	Acceptable
R: Planeity Coupler Support	2 mm	Ruler	Acceptable
S: Perpendicularity coupler	1mm	Square	Acceptable
QC Inspector:		<i>Low</i>	Sign: <i>[Signature]</i> Date: 2024/01/25



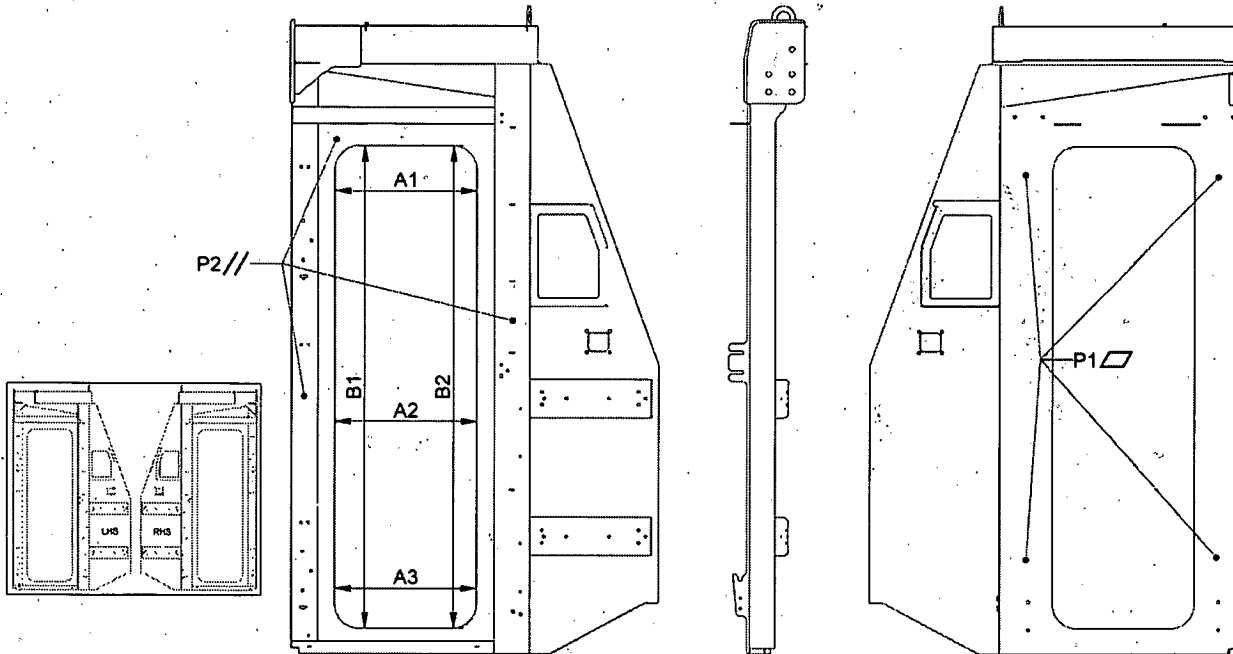
Cabin Shield Assembly: GN002836					
Assembly Completed as per WI/SOS MD_0043			Confirmed	Yes	<input checked="" type="checkbox"/> No
Operator:	EVAN DASHENHILL		Assembly Date:	2024/01/25	
Sign:			Wire Batch No.:	2202152	



Welding Control						
Assembly Completed as per WI/SOS MD_0043			Confirmed	Yes	<input checked="" type="checkbox"/> No	
QC Inspector:	LEON		Sign:		Date:	2024/01/25
Dimensional Control						
Rep	Theoretical Dim	Toler.	Dimension measured		Measuring Equipment	Observations
C1 / C2	2210	± 4	2214	2212	Tape Measure	Acceptable
D / D'	956	± 2	955	955		Acceptable
QC Inspector:	LEON		Sign:		Date:	2024/01/25
Geometrical Control						
Nature of Checks				Dimension Measured	Measuring Equipment	Observations
Planeity P / P'		2 mm	PASSED		Ruler	Acceptable
Perpendicularity	2	A	PASSED		Set Square	Acceptable
	2	B	PASSED		Set Square	Acceptable
QC Inspector:	LEON		Sign:		Date:	2024/01/25

## Cabin LHS/RHS Side Assembly: GN002838/GN002837

Assembly Completed as per WI/SOS MD_0044_0045		Confirmed	Yes	/	No
Operator:	<i>Xander</i>	Assembly Date:	2024/01/18		
Sign:	<i>[Signature]</i>	Wire Batch No.:	2202165		




### Welding Control

Assembly Completed as per WI/SOS MD_0044_0045		Confirmed	Yes	✓	No
QC Inspector:	<i>Leon</i>	Sign:	<i>[Signature]</i>	Date:	2024/01/29

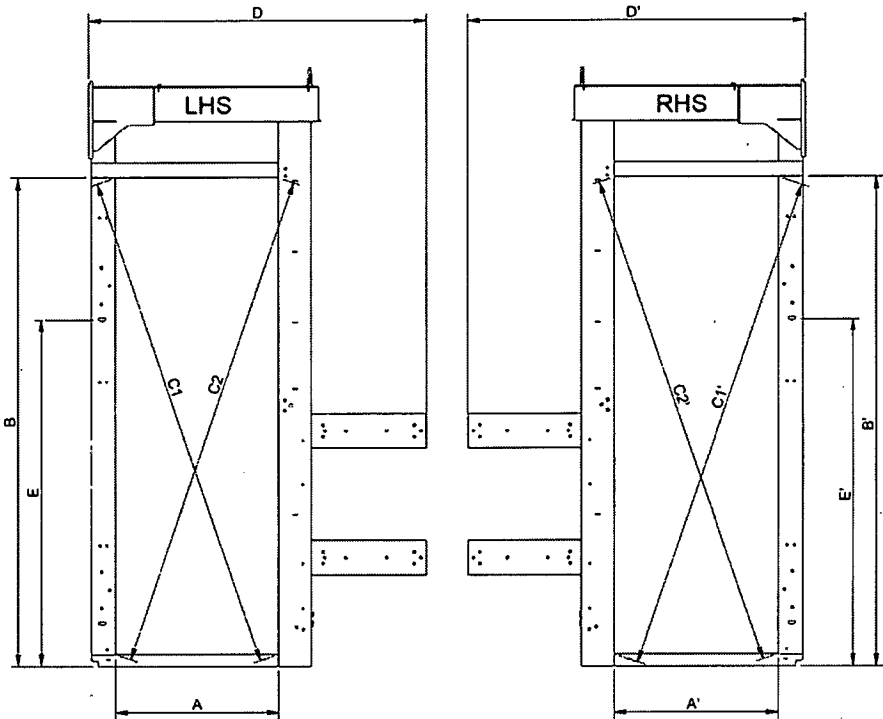
### Dimensional Control

Rep	Theoretical Dim	Toler.	Dimension Measured		Measuring Equipment	Observations
A1	560	± 2	558	558	Tape Measure	Acceptable
A2			558	559		Acceptable
A3			558	559		Acceptable
B1	1900	± 2	1898	1898		Acceptable
B2			1898	1898		Acceptable
QC Inspector:	<i>Leon</i>	Sign:	<i>[Signature]</i>	Date:	2024/01/29	

### Geometrical Control

Nature of checks		Dimension Measured	Measuring Equipment	Observations
P1: Planeity	4 mm	P9850	Ruler	Acceptable
P2: Planeity	2 mm	P9850	Ruler	Acceptable
QC Inspector:	Leon	Sign:		Date: 2024/01/29

Cabin LHS/RHS Door Frame Assembly: GN002839					
Assembly Completed as per WI/SOS MD_0067_0078		Confirmed	Yes	<input checked="" type="checkbox"/>	No
Operator:	Glenn	Assembly Date:	2024/01/16		
Sign:	<i>[Signature]</i>	Wire Batch No.:	2202152		



Welding Control						
Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042		Confirmed	Yes	<input checked="" type="checkbox"/>	No	
QC Inspector:	LEON	Sign:	<i>[Signature]</i>	Date:	2024/01/18	
Dimensional Control						
Rep	Theoretical Dim	Toler.	Dimension Measured		Measuring Equipment	Observations
A	695	± 2	696	696	Tape Measure	Acceptable
B	2086	+1/-3	2086	2085		Acceptable
C1 / C2	Difference of diagonals $ C1 - C2  \leq 3$		2154	2152		Acceptable
$ C1 - C2 $			2153	2150		Acceptable
D	1438	+2/-3	1437	1438		Acceptable
E			1483	1482		Acceptable
QC Inspector:	LEON	Sign:	<i>[Signature]</i>	Date:	2024/01/18	
Geometrical Control						
Nature of checks			Dimension Measured	Measuring Equipment	Observations	
P1 : planeity of 2 edges		4 mm	Pass	Ruler	Acceptable	
QC Inspector:	LEON	Sign:	<i>[Signature]</i>	Date:	2024/01/18	

### Cabin LHS/RHS Wing Mirror Plate Assembly: GN002846/GN002844

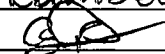
Assembly Completed as per WI/SOS MD_0068_0073		Confirmed	Yes	<input checked="" type="checkbox"/>	No	
Operator:	<i>Xander</i>	Assembly Date:	2024/01/17			
Sign:	<i>[Signature]</i>	Wire Batch No.:	2202165			

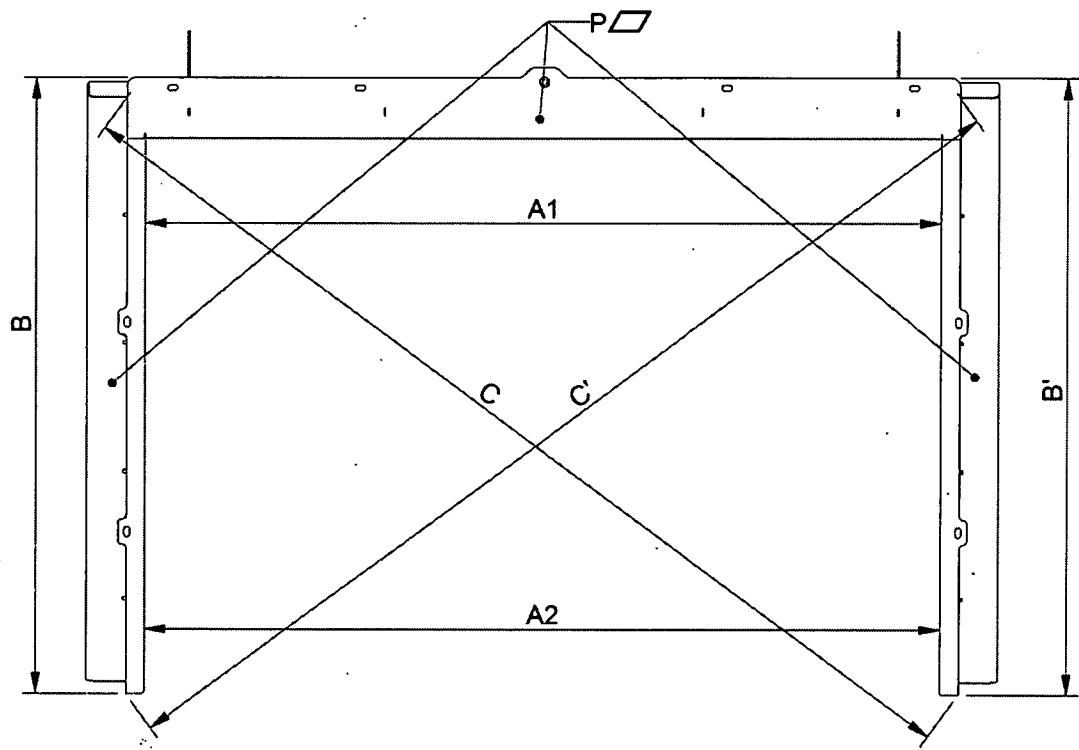
### Cabin LHS/RHS Cantrail Assembly: GN002924/GN002907




Assembly Completed as per WI/SOS MD_0065_0066		Confirmed	Yes	<input checked="" type="checkbox"/>	No	
Operator:	<i>Glenn</i>	Assembly Date:	2024/01/16			
Sign:	<i>[Signature]</i>	Wire Batch No.:	2202152			

### Cabin LHS/RHS Door Post Assembly: GN002919/GN002897

Assembly Completed as per WI/SOS MD_0067_0078		Confirmed	Yes	<input checked="" type="checkbox"/>	No	
Operator:	<i>Glenn</i>	Assembly Date:	2024/01/16			
Sign:	<i>[Signature]</i>	Wire Batch No.:	2202152			

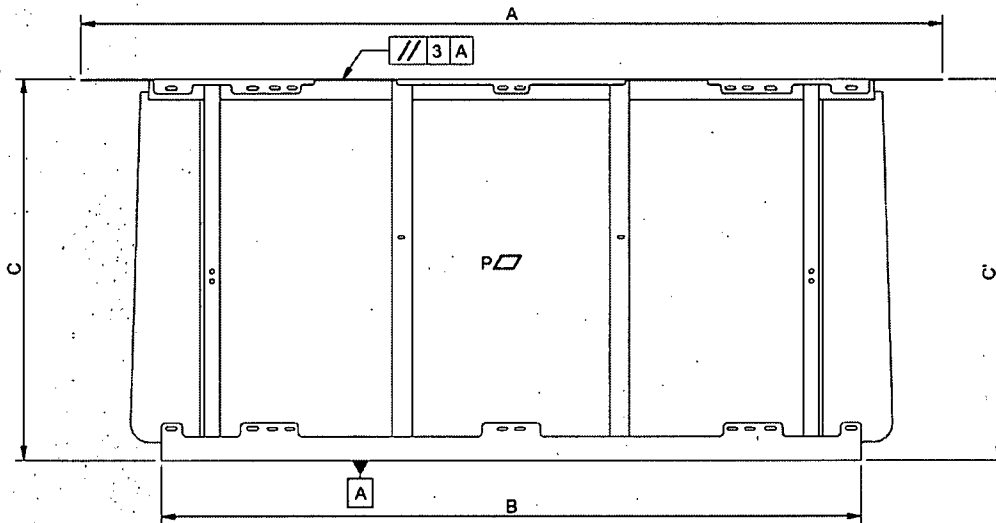
Cabin Front Frame Assembly: GN002840				
Assembly Completed as per WI/SOS MD_0047		Confirmed	Yes	<input checked="" type="checkbox"/> No
Operator:	Bambelo Gcinani	Assembly Date:	2024/01/25	
Sign:		Wire Batch No.:	2202152	



Welding Control						
Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042			Confirmed	Yes	<input checked="" type="checkbox"/> No	
QC Inspector:	Leon	Sign:		Date:	2024/01/25	
Dimensional Control						
Rep	Theoretical Dim	Toler.	Dimension Measured		Measuring Equipment	Observations
A1	1910	± 2	1912		Tape Measure	Acceptable
A2	1910		1911			Acceptable
B	1475	± 1	1474	1475		Acceptable
C	Diagonals  C - C'  ≤ 3		2476	2475		Acceptable
QC Inspector:	Leon	Sign:		Date:	2024/01/25	
Geometrical Control						
Nature of checks		Dimension Measured		Measuring Equipment	Observations	
P : Planeity		4 mm	Passed	Ruler	Acceptable	
QC Inspector:	Leon	Sign:		Date:	2024/01/25	

## Cabin Roof Assembly: GN002839

Assembly Completed as per WI/SOS MD_0046		Confirmed	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Operator:	① YLAN ① DAVIDS	Assembly Date:	20 24/01/29			
Sign:		Wire Batch No.:	107238201			



Welding Control						
Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042				Confirmed	Yes	<input checked="" type="checkbox"/> No
QC Inspector:	Leon		Sign:			Date: 20 24/01/29
Dimensional Control						
Rep		Toler.	Dimension measured		Measuring Equipment	Observations
A	2216	+5/-0	2216		Tape Measure	Acceptable
B	1800	± 4	1800			Acceptable
C	976	+2/-3	976	976		Acceptable
QC Inspector:	Leon		Sign:			Date: 20 24/01/29
Geometrical Control						
Nature of Checks		Dimension Measured		Measuring Equipment	Observations	
Planarity P		6 mm		Ruler	Acceptable	
//	3	A		Set Square	Acceptable	
QC Inspector:	Leon		Sign:			Date: 20 24/01/29

# RAW MATERIAL TRACEABILITY

GRADE	MATERIAL THICKNESS	SUPPLIER	DATE RECEIVED	BATCH NUMBER	PO NUMBER	TRAINSET NUMBER(S)
RCS 355	2 mm	Pegasus	5/2/24	1782471048289	LD49402	
RCS 355	2 mm					
RCS 355	2 mm					

GRADE	MATERIAL THICKNESS	SUPPLIER	DATE RECEIVED	BATCH NUMBER		TRAINSET NUMBER(S)
RCS 355	3 mm	Pegasus	14 Feb 2024	178819 104640 01	YHE 72-25	
RCS 355	3 mm					
RCS 355	3 mm					

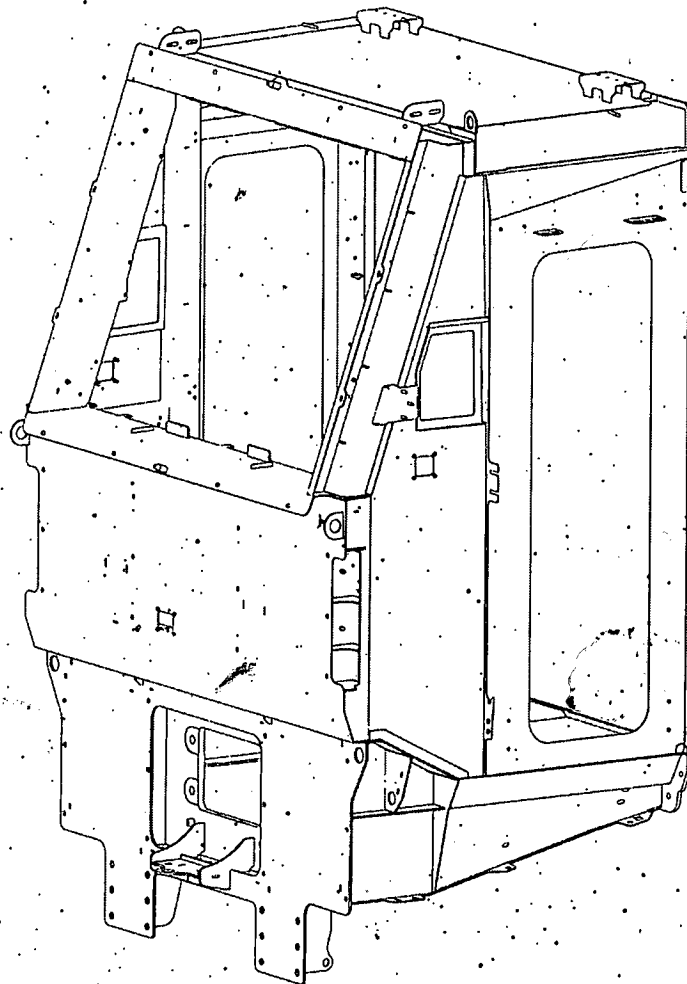
GRADE	MATERIAL THICKNESS	SUPPLIER	DATE RECEIVED	BATCH NUMBER		TRAINSET NUMBER(S)
RCS 355	20 mm	Pegasus	08 Feb 2024	178488 104640 01	HPK97566	
RCS 355	20 mm					

GRADE	MATERIAL THICKNESS	SUPPLIER	DATE RECEIVED	BATCH NUMBER		TRAINSET NUMBER(S)
RCS 355	30 mm	Pegasus				
RCS 355	30 mm					

GRADE	MATERIAL THICKNESS	SUPPLIER	DATE RECEIVED	BATCH NUMBER		TRAINSET NUMBER(S)
RCS 450	4 mm	Pegasus	14 Feb 2024	178815 104640 01	VHL 35678	
RCS 450	4 mm					
RCS 450	4 mm					
RCS 450	4 mm					

GRADE	MATERIAL THICKNESS	SUPPLIER	DATE RECEIVED	BATCH NUMBER		TRAINSET NUMBER(S)
RCS 450	6 mm	Pegasus	08 Feb 2024	178489 104640 01	F207905 VHL 28402	
RCS 450	6 mm					
RCS 450	6 mm					

GRADE	MATERIAL THICKNESS	SUPPLIER	DATE RECEIVED	BATCH NUMBER		TRAINSET NUMBER(S)
RCS 450	8 mm	Pegasus	14 Feb 2024	178823 104640 01	F202906 VHS 58432	
RCS 450	8 mm					
RCS 450	8 mm					
RCS 450	8 mm					



## CABIN STRUCTURE QUALITY CARD

CAB No.: CAB 4 3 3 \_

WEIGHT: 1 4 88 Kg