

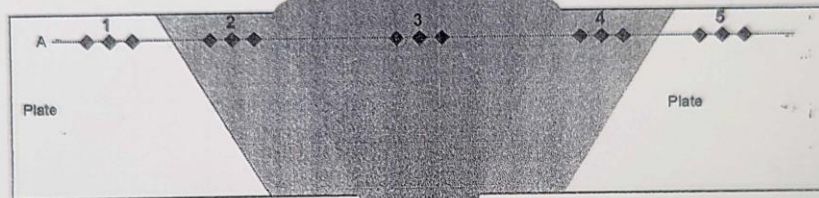
**REPORT ON TEST RESULT NO. :**

**/IT2.4.I.1/PM.05.02/2019**

Page 1 of 1

DATE : 26-7-2020  
 ORDER FROM : FADIL  
 TEST STANDARD : 2.1 (TPCI)  
 WPQT NO. :  
 JOINT DESIGN : Butt Welded  
 MATERIAL SPEC. : Plate  
 P.NO. Gr.NO.  
 THICKNESS  
 WELDING PROCESS  
 TEST POSITION  
 WELDER NAME

**1. HARDNESS TEST**



Location	Vickers Hardness Number (HV. 1)									
	Base Metal		H A Z		Weld Metal		H A Z		Base Metal	
A	1		2		3		4		5	
Hardness Value	90,05		79,16		87,22					
Average										

Equipment: Micro Vickers Hardness Tester, Model: TH 712, Time Group INC, China

NOTES : This report is valid only for the specimen tested on the Laboratory of Ships Strength and Construction

Witnessed by :

Tester of the Laboratory  
Ships Strength and Construction



AKH. FAIRIL M.

SHOT ON RED MAGIC 5G



**ITS**  
Institut  
Teknologi  
Sepuluh Nopember

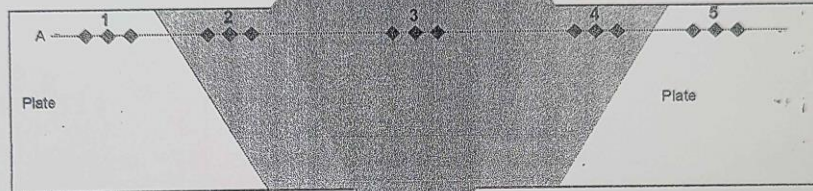
**LABORATORIUM KONSTRUKSI DAN KEKUATAN KAPAL**  
**DEPARTEMEN TEKNIK PERKAPALAN**  
FAKULTAS TEKNOLOGI KELAUTAN  
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**REPORT ON TEST RESULT NO. : /IT2.4.I.1/PM.05.02/2019**

Page 1 of 1

DATE : 26-7-2020  
ORDER FROM : FADIL  
TEST STANDARD : 2.2 (TPC II)  
WPQT NO. :  
JOINT DESIGN : Butt Welded  
MATERIAL SPEC. : Plate  
P.NO. Gr.NO. :  
THICKNESS :  
WELDING PROCESS :  
TEST POSITION :  
WELDER NAME :

**1. HARDNESS TEST**



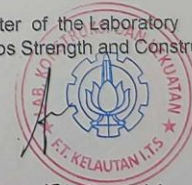
Location	Vickers Hardness Number (HV. 1)				
	Base Metal	HAZ	Weld Metal	HAZ	Base Metal
A	1	2	3	4	5
Hardness Value	86,77	85,67	83,25		
Average					

Equipment: Micro Vickers Hardness Tester, Model: TH 712, Time Group INC, China

NOTES : This report is valid only for the specimen tested on the Laboratory of Ships Strength and Construction

Witnessed by :

Tester of the Laboratory  
Ships Strength and Construction



AKH. FAIRTEL H.

SHOT ON RED MAGIC 5G  
POWERED BY NUBIA



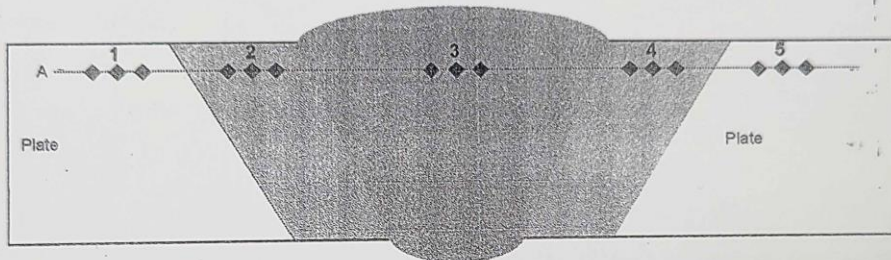
**REPORT ON TEST RESULT NO. :**

**/IT2.4.1.1/PM.05.02/2019**

Page 1 of 1

DATE : 26-7-2020  
 ORDER FROM : FADIL  
 TEST STANDARD :  
 WPQT NO. : 2.3 (TP NC I)  
 JOINT DESIGN : Butt Welded  
 MATERIAL SPEC. : Plate  
 P.NO. Gr.NO. :  
 THICKNESS :  
 WELDING PROCESS :  
 TEST POSITION :  
 WELDER NAME :

**1. HARDNESS TEST**



Location	Vickers Hardness Number (HV. 1)									
	Base Metal		HAZ		Weld Metal		HAZ		Base Metal	
A	1	2	3	4	5					
Hardness Value	91,48	81,94	86,11							
Average										

Equipment: Micro Vickers Hardness Tester, Model: TH 712, Time Group INC, China

NOTES : This report is valid only for the specimen tested on the Laboratory of Ships Strength and Construction

Witnessed by :

Tester of the Laboratory  
Ships Strength and Construction



AKH. FAJRI H.

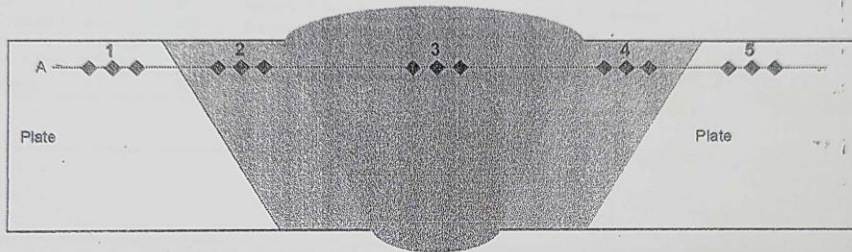
**REPORT ON TEST RESULT NO. :**

**/IT2.4.1.1/PM.05.02/2019**

Page 1 of 1

DATE : 26-3-2020  
 ORDER FROM : FADIL  
 TEST STANDARD :  
 WPQT NO. : 2.4 (TP NC II)  
 JOINT DESIGN : Butt Welded  
 MATERIAL SPEC. : Plate  
 P.NO. Gr.NO. :  
 THICKNESS :  
 WELDING PROCESS :  
 TEST POSITION :  
 WELDER NAME :

**1. HARDNESS TEST**



Location	Vickers Hardness Number (HV. 1)				
	Base Metal	HAZ	Weld Metal	HAZ	Base Metal
A	1	2	3	4	5
Hardness Value	91,32	79,61	75,71		
Average					

Equipment: Micro Vickers Hardness Tester, Model: TH 712, Time Group INC, China

NOTES : This report is valid only for the specimen tested on the Laboratory of Ships Strength and Construction

Witnessed by :

Tester of the Laboratory  
Ships Strength and Construction



AKH. FAIRIL N.



**RADIOGRAPHIC INSPECTION REPORT**

Job No. : \_\_\_\_\_  
Report No : \_\_\_\_\_  
Test Date : 07-07-2020

CLIENT : MUHAMMAD FADIL  
Job Description : T.A  
Job Location : SIDOARJO Film Type : AGFA D7  
Material : A1 Denstiy : 2-4  
NDT Procedure : RSP-RT-ASME-04 Screen (pb) : 0.125 mm  
Test Method : SWSV IQI Type : ASTM IB  
Acceptance Code : ASME IX SFD : 12 INCH  
Weld Process : EMAW Source : Ir. 192 Act : 10 Ci

**Abbreviations Used in Interpretation**

IPD : Incomplete Penetration Due to Hi-Low	ESI : Elongated Slag Inclusion	IU : Internal Undercat	TI : Tungsten Inclusion
CR : Crack	P : Internal Porosity	IC : Internal Concavity	EP : Excess Penetration
IF : Incomplete Fusion	CP : Cluster Porosity	WH : Worm Hole	BT : Burn Through
IP : Incomplete Penetration	SCP : Scattered Porosity	BT : Burn Through	EC (HB) : Elongated Cavity (Hollow Bead)
ISI : Isolated Slag Inclusion	EU : External Undercat	EC (HB) : Elongated Cavity (Hollow Bead)	

ACC : Accepted    REP : Repair    R1/R2 : Repair 1 or Repair 2    RW : Re Weld

**TEST RESULTS**

JOINT No.	Welder	Dia / Lgt (Inches)	Thickness (mm)	Interest Area	Interpretation	Evaluation		REMARK
						ACC	REP	
<u>TP-2</u>			<u>6/10</u>	<u>A - B</u>	<u>D.POR.</u>	<input checked="" type="checkbox"/>		
<u>TP-3</u>			<u>6/10</u>	<u>A - B</u>		<input checked="" type="checkbox"/>		

Total Welds : <u>2</u> Joints	Radiographer	QA/QC Approved	Client Representative	3 <sup>rd</sup> Party Representative
Film Used				
Size				
4" x 10" : _____ Sheets	NDE Level <u>II</u>	Date :	Date :	Date :
4" x 15" : <u>2</u> Sheets	Date : <u>07-07-2020</u>	Date :	Date :	Date :

SHOT ON RED MAGIC 5G