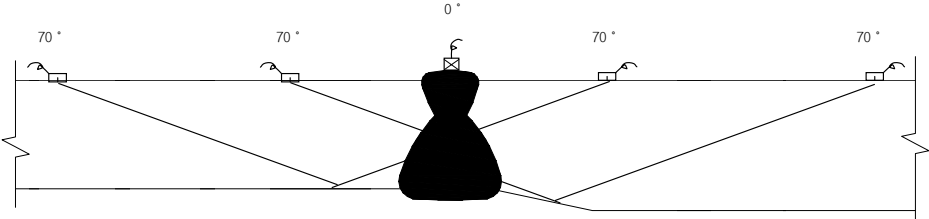


INDT 國際非破壞検査(株)		REPORT OF ULTRASONIC EXAMINATION 초음파탐상검사보고서		Report No. 보고서 번호		ID-U-MS-160322-01	
대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371 17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREA				Page 페이지		1 OF 9	
Customer 주문주 ㈜명성엔지니어링		Project 공사명 / W/O No. 공사번호 송탄교(하행선) 정밀안전진단 용역		Dwg.No. 도면번호 / Traveller No. N/A			
Item Name 제품명 주판단면변화부 F.P용접부		Material 재질 / Thickness 두께 SM490B / 12~22 mm		Joint Config. 용접모양 ☒ Butt ☐ T-JOINT / ☐ FCAW ☒ SAW			
Surface Condition 표면상태 ☒ As Welded ☐ As Grinded ☐ As M/C		Code & Procedure 적용규격 Rev' KS B 0896 / INDT-QCP-UT-01K Rev' 0		Acceptance Criteria 합격기준 Rev' KS B 0896 2류(L검출레벨)-인장부 KS B 0896 3류(L검출레벨)-압축부			
Testing Equip. 검사장비 Model : EPOCH XT S/NO : 131487609		Transducer 탐촉자 (Type,Size,S/No.) 4C8X9A70 8 * 9 APMC653 4C10N 8 * 9 NEEB46		Cable 케이블 ☒ RG-174 ☐ PKLL ☐			
Linearity 직선성 ACL 증폭 SHL 스크린 높이 Within $\pm 5\%$ within $\pm 3\%$ FSH		Test Angle 시험각도 / Frequency 주파수 ☐ 45° ☐ 60° ☒ 70° ☐ 0° / 4 Mhz		Calibration Angle 교정각도 ☒ 0° ☐ 45° ☐ 60° ☒ 70°			
Equip. Due Date 장비검교정 유효일자 2016.04.20		Couplant 접촉매질 ☒ GEL ☐ Oil 기름 ☐ CMC		Calibration Block 교정블록 ☒ STB-A1 ☒ RB4-No.1			
Test Temp. 시험온도 ☒ Ambient 상온 ☐ Elev. 승온		Method 검사방법 ☒ Contact 접촉 ☐ Immerse 수침		Std. Sensity 표준 / Scan Sensity 탐상감도 $\Phi 2.4$ SDH DAC100% / Std + 6dB B2 ECHO FSH 80% / Std + 6dB			
SKETCH (PROBE SCANNING POSITION) 							
☐ Sketch on dot line. If necessary or ☐ Attached. 필요시 점선안에 스케치 또는 첨부할 것.							
Examined by H. W. JUNG 시험자 (정현욱) KMA 기사				Date of Examination 검사일자 2016. 03. 22		Maker QA Manager	
Approved by H. J. CHOI 승인자 (최홍준) KMA 기사				☐ Witnessed by ☐ Reviewed by			

I N D T		REPORT OF ULTRASONIC EXAMINATION										Report No. 보고서 번호		ID-U-MS-160322-01	
國際非破壞検査(株)		초음파탐상검사보고서										P a g e 페이지		2 OF 9	
대구광역시 달서구 성서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371 17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREA															
Ident.No 확인번호 or Size 치수 부재번호		Q'TY 수량	ACC' 합	REJ' 불	기록 사항 Discontinuity for Record Articles										Remarks (비 고)
					Indica. No.	Probe. Angle	From. X	Sound Path (W)	From. Y	결함 깊이 Def.Depth	결함 길이 Def.Length	영역 Scope	검사길이(mm) Ex.Length		
G1	A1~P1	2개소	V		NO RECORDABLE INDICATION										
G1	P1~P2	2개소	V		NO RECORDABLE INDICATION										
G1	P2~P3	2개소	V		NO RECORDABLE INDICATION										
G1	P3~P4	2개소	V		NO RECORDABLE INDICATION										
G1	P4~P5	2개소	V		NO RECORDABLE INDICATION										
G1	P5~P6	2개소	V		NO RECORDABLE INDICATION										
G2	A1~P1	2개소	V		NO RECORDABLE INDICATION										
G2	P1~P2	2개소	V		NO RECORDABLE INDICATION										
G2	P2~P3	2개소	V		NO RECORDABLE INDICATION										
G2	P3~P4	2개소	V		NO RECORDABLE INDICATION										
G2	P4~P5	2개소	V		NO RECORDABLE INDICATION										
G2	P5~P6	2개소	V		NO RECORDABLE INDICATION										
G2	P6~P7	2개소	V		NO RECORDABLE INDICATION										
G2	P7~P8	2개소	V		NO RECORDABLE INDICATION										
G2	P8~A2	2개소	V		NO RECORDABLE INDICATION										
G3	A1~P1	2개소	V		NO RECORDABLE INDICATION										
G3	P1~P2	2개소	V		NO RECORDABLE INDICATION										
G3	P2~P3	2개소	V		NO RECORDABLE INDICATION										
G3	P3~P4	2개소	V		NO RECORDABLE INDICATION										
G3	P4~P5	2개소	V		NO RECORDABLE INDICATION										
G3	P5~P6	2개소	V		NO RECORDABLE INDICATION										
G3	P6~P7	2개소	V		NO RECORDABLE INDICATION										
G3	P7~P8	2개소	V		NO RECORDABLE INDICATION										
G3	P8~A2	2개소	V		NO RECORDABLE INDICATION										
G4	A1~P1	2개소	V		NO RECORDABLE INDICATION										
G4	P1~P2	2개소	V		NO RECORDABLE INDICATION										
G4	P2~P3	2개소	V		NO RECORDABLE INDICATION										
G4	P3~P4	2개소	V		NO RECORDABLE INDICATION										
G4	P4~P5	2개소	V		NO RECORDABLE INDICATION										
G4	P5~P6	2개소	V		NO RECORDABLE INDICATION										
G4	P6~P7	2개소	V		NO RECORDABLE INDICATION										
G4	P7~P8	2개소	V		NO RECORDABLE INDICATION										
G4	P8~A2	2개소	V		-- B L A N K --										
TOTAL		66개소													

INDT

REPORT OF ULTRASONIC EXAMINATION

國際非破壞検査(株)

초음파탐상검사보고서

대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371
17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREA



Report No.
보고서 번호

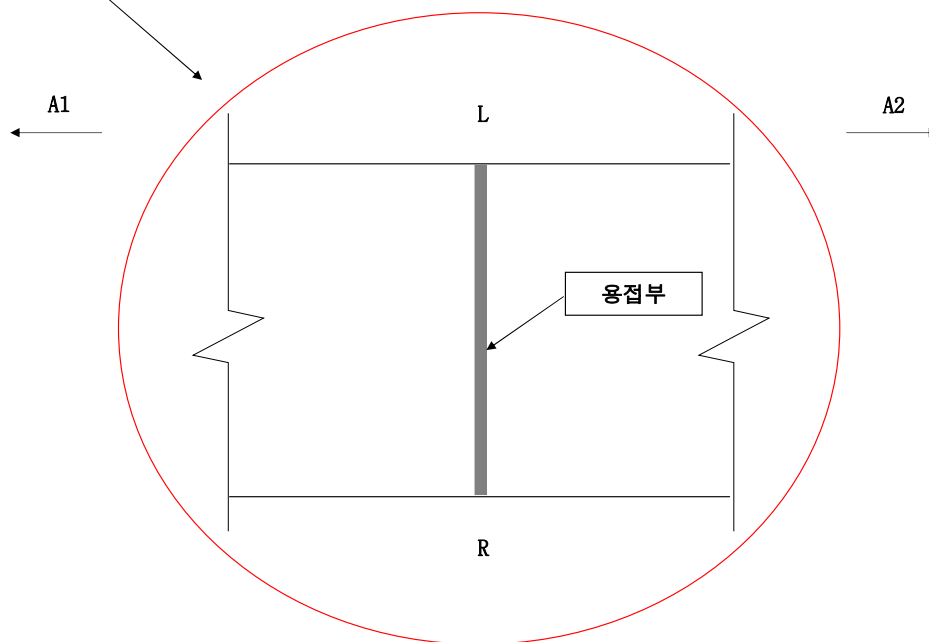
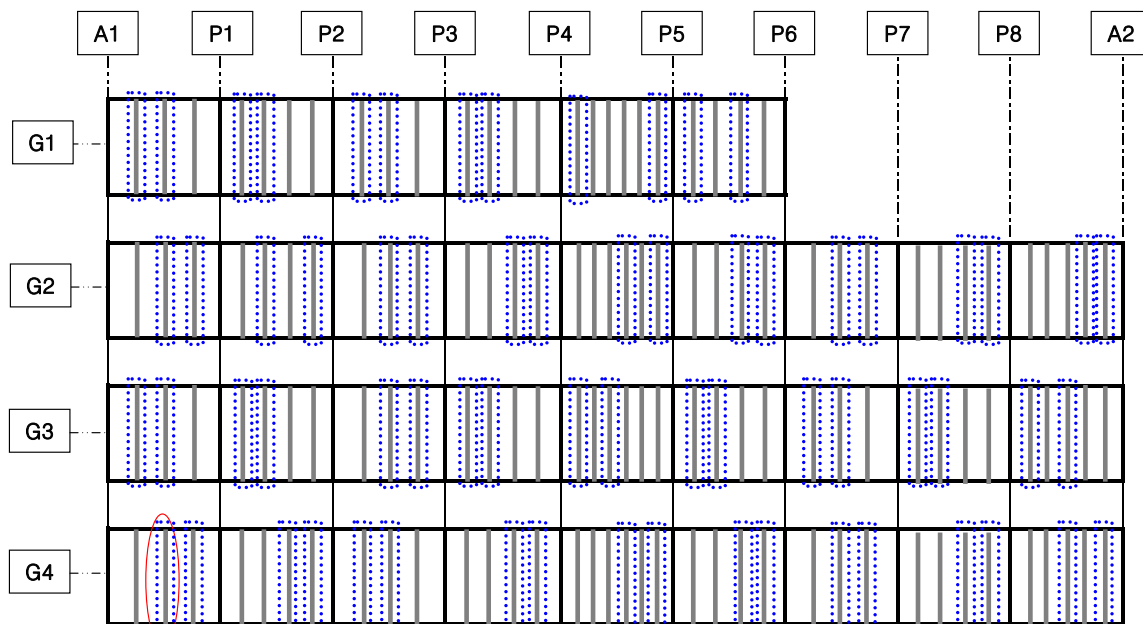
ID-U-MS-160322-01

Page
페이지

3 OF 9

UT POINT MAP

: UT CHECK POINT



NOTE

1. 주판 LOWER FRANGE UT CHECK.

INDT

REPORT OF ULTRASONIC EXAMINATION

Report No.
보고서 번호

ID-U-MS-160322-01

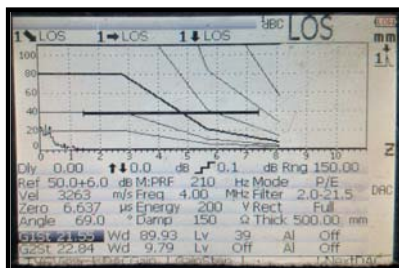
國際非破壞檢査(株)

초음파탐상검사보고서

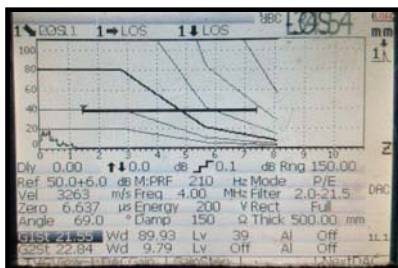
대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371
17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREAPage
페이지

4 OF 9

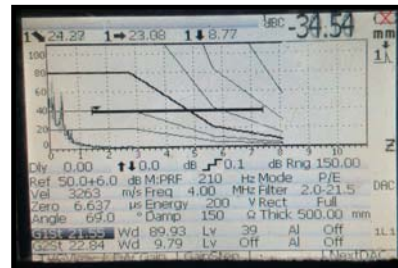
UT POINT MAP



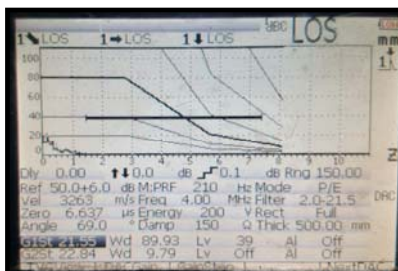
G1 / A1~P1-1



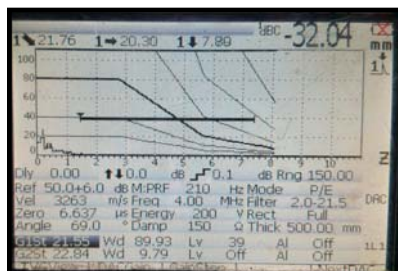
G1 / A1~P1-2



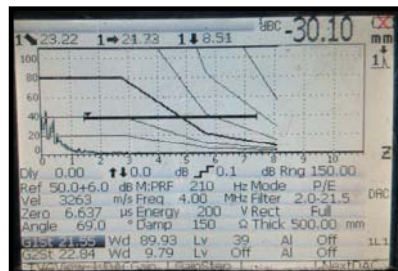
G1 / P1~P2-1



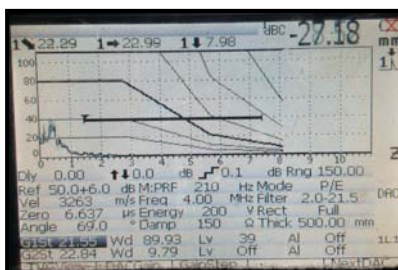
G1 / P1~P2-2



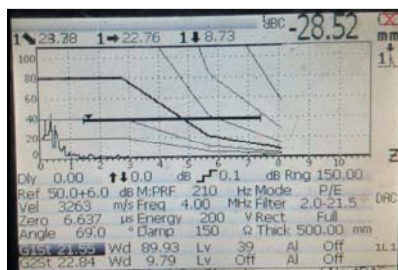
G1 / P2~P3-1



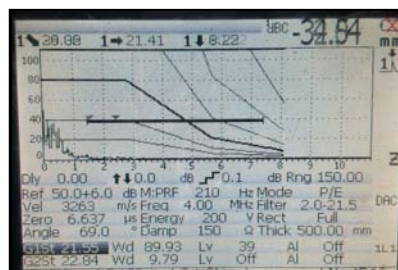
G1 / P2~P3-2



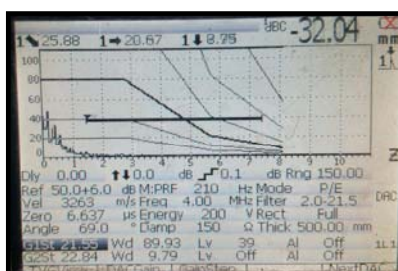
G1 / P3~P4-1



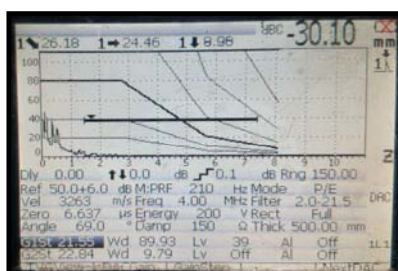
G1 / P3~P4-2



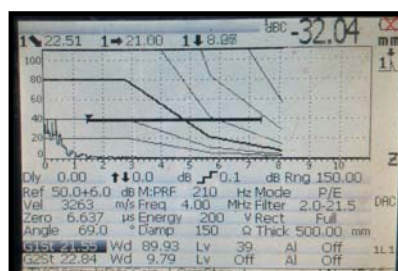
G1 / P4~P5-1



G1 / P4~P5-2



G1 / P5~P6-1



G1 / P5~P6-2

INDT

REPORT OF ULTRASONIC EXAMINATION

國際非破壞検査(株)

초음파탐상검사보고서

대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371
 17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREA

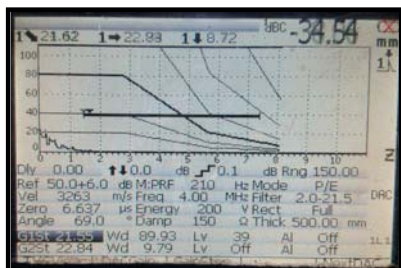
Report No.
보고서 번호

ID-U-MS-160322-01

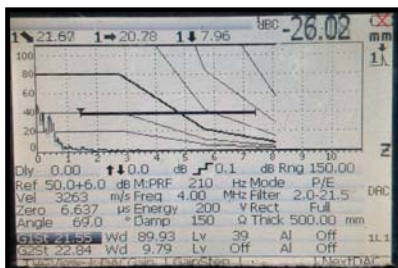
Page
페이지

5 OF 9

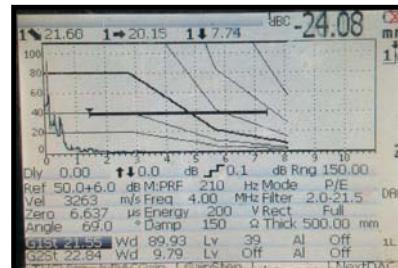
UT POINT MAP



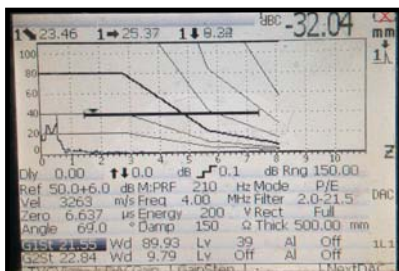
G2 / A1~P1-1



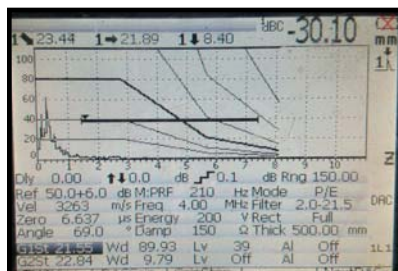
G2 / A1~P1-2



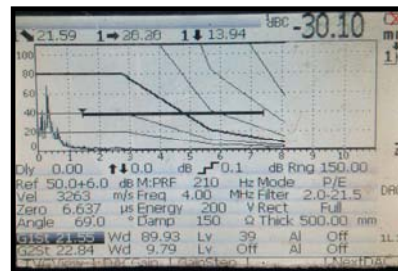
G2 / P1~P2-1



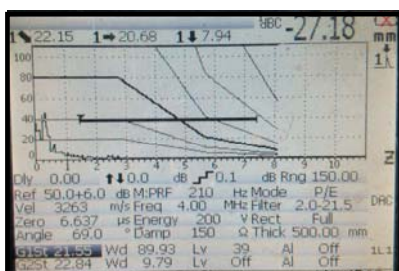
G2 / P1~P2-2



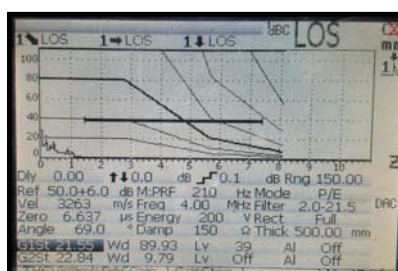
G2 / P2~P3-1



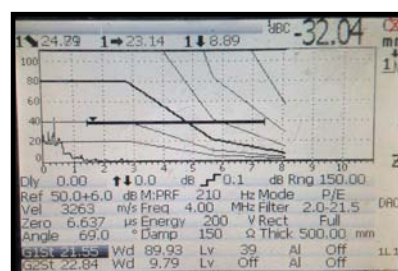
G2 / P2~P3-2



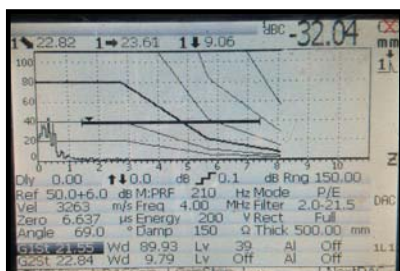
G2 / P3~P4-1



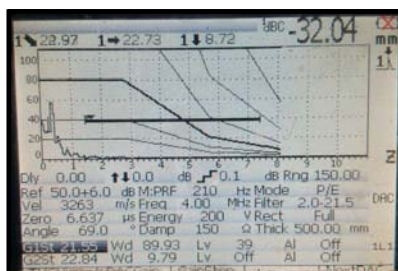
G2 / P3~P4-2



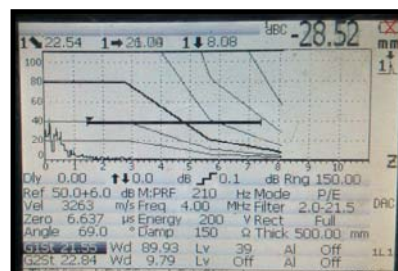
G2 / P4~P5-1



G2 / P4~P5-2



G2 / P5~P6-1



G2 / P5~P6-2

INDT

REPORT OF ULTRASONIC EXAMINATION

Report No.
보고서 번호

ID-U-MS-160322-01

Page
페이지

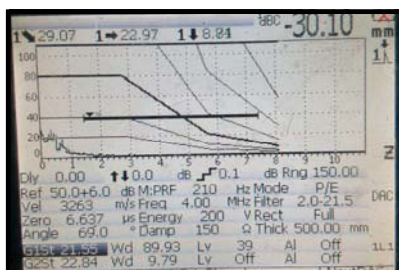
6 OF 9

國際非破壞檢査(株)

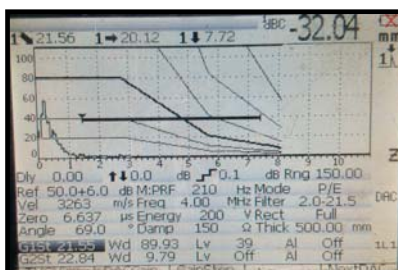
초음파탐상검사보고서

대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371
17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREA

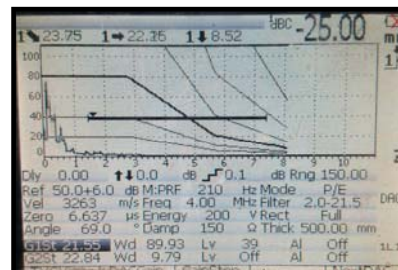
UT POINT MAP



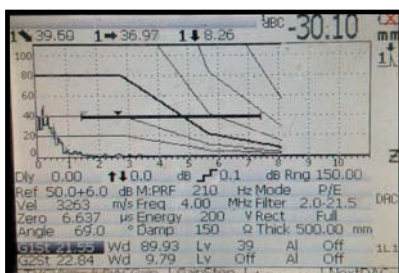
G2 / P6~P7-1



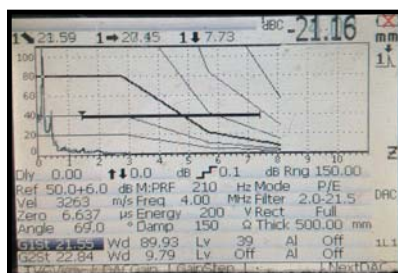
G2 / P6~P7-2



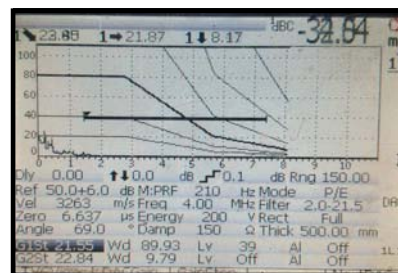
G2 / P7~P8-1



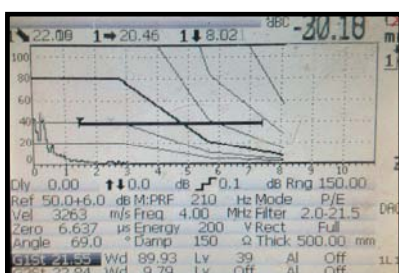
G2 / P7~P8-2



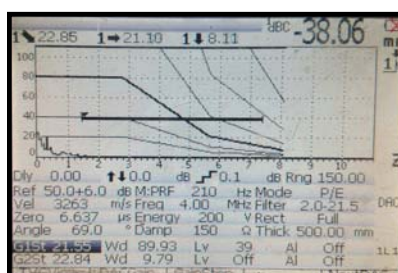
G2 / P8~A2-1



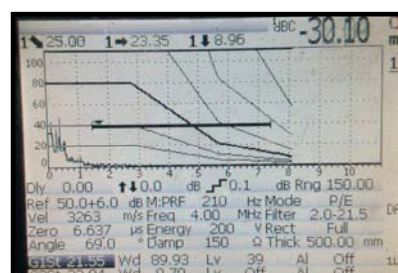
G2 / P8~A2-2



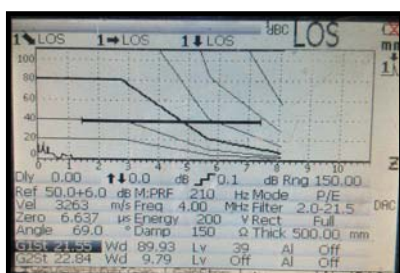
G3 / A1~P1-1



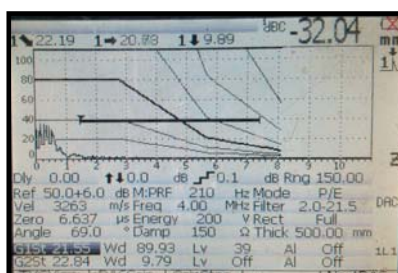
G3 / A1~P1-2



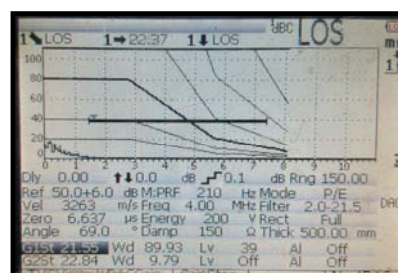
G3 / P1~P2-1



G3 / P1~P2-2



G3 / P2~P3-1



G3 / P2~P3-2

INDT

REPORT OF ULTRASONIC EXAMINATION

Report No.
보고서 번호

ID-U-MS-160322-01

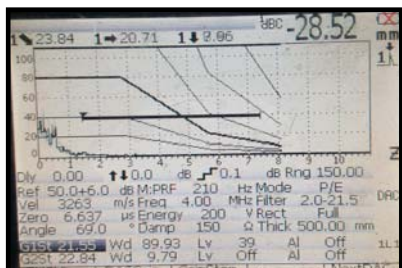
國際非破壞檢査(株)

초음파탐상검사보고서

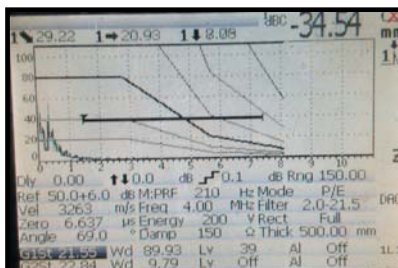
대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371
17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREAPage
페이지

7 OF 9

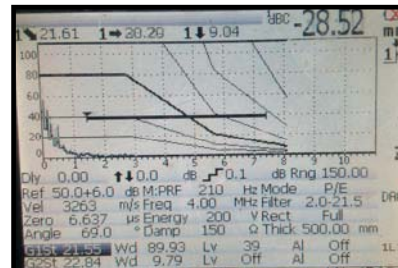
UT POINT MAP



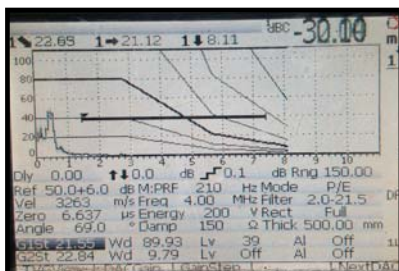
G3 / P3~P4-1



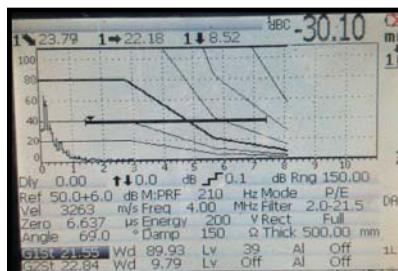
G3 / P3~P4-2



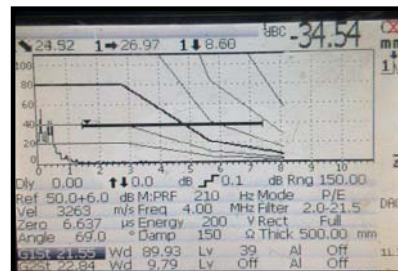
G3 / P4~P5-1



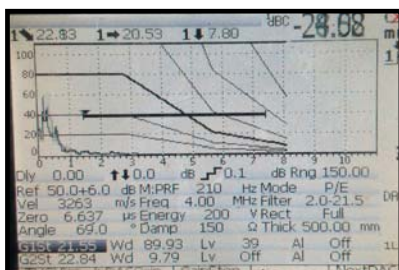
G3 / P4~P5-2



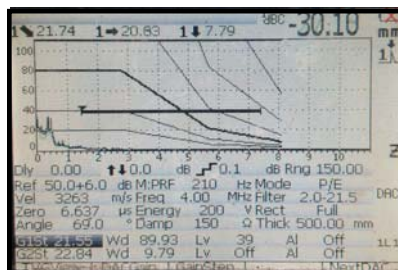
G3 / P5~P6-1



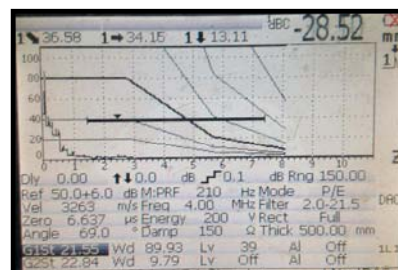
G3 / P5~P6-2



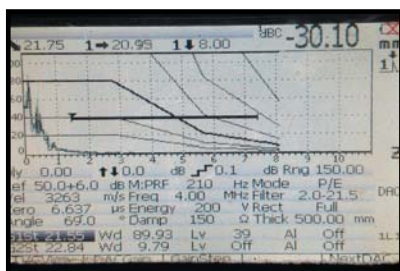
G3 / P6~P7-1



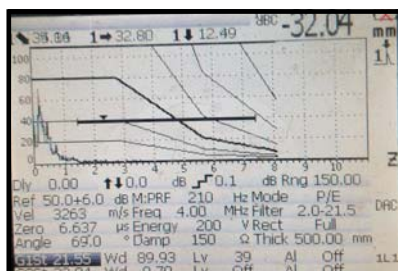
G3 / P6~P7-2



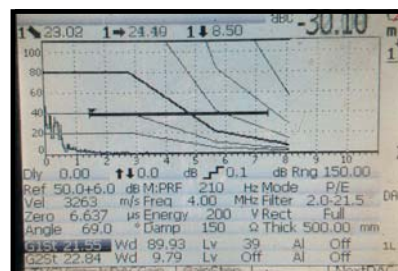
G3 / P7~P8-1



G3 / P7~P8-2



G3 / P8~A2-1



G3 / P8~A2-2

INDT

REPORT OF ULTRASONIC EXAMINATION



Report No.
보고서 번호

ID-U-MS-160322-01

國際非破壞検査(株)

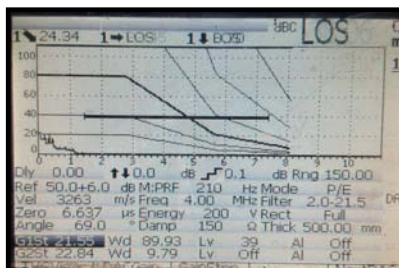
초음파탐상검사보고서

대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371
17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREA

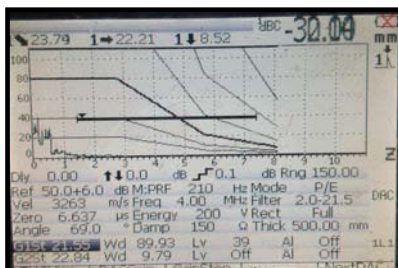
Page
페이지

8 OF 9

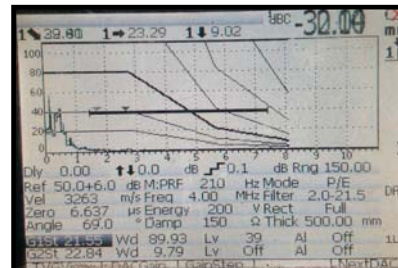
UT POINT MAP



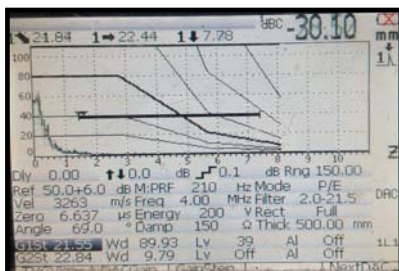
G4 / A1~P1-1



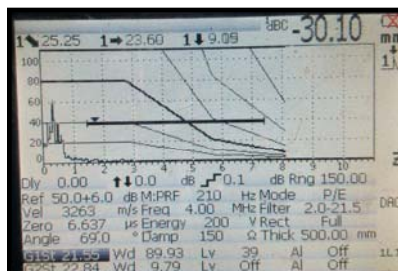
G4 / A1~P1-2



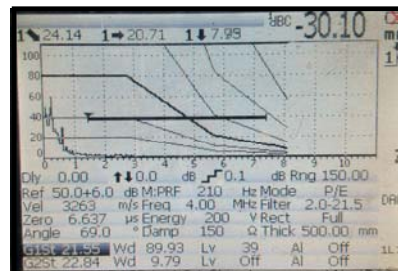
G4 / P1~P2-1



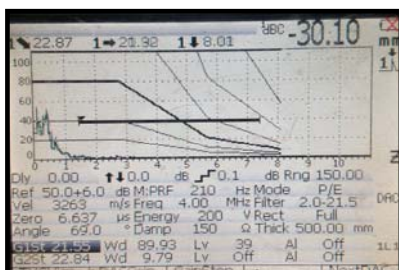
G4 / P1~P2-2



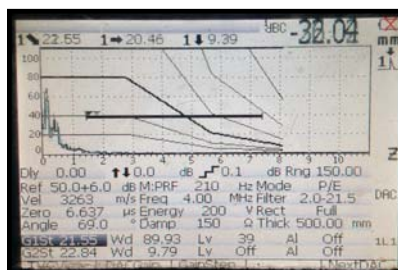
G4 / P2~P3-



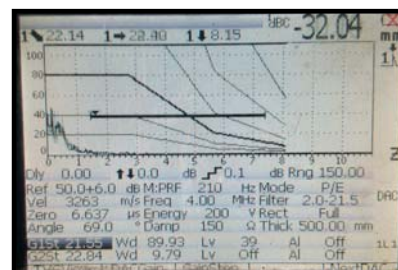
G4 / P2~P3-2



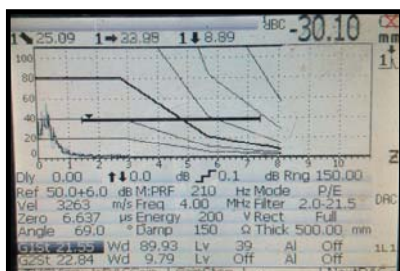
G4 / P3~P4-



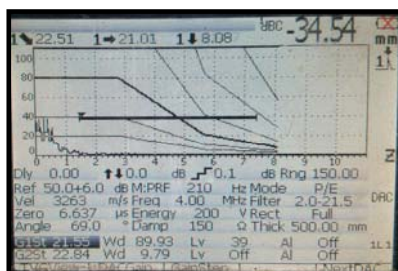
G4 / P3~P4-2



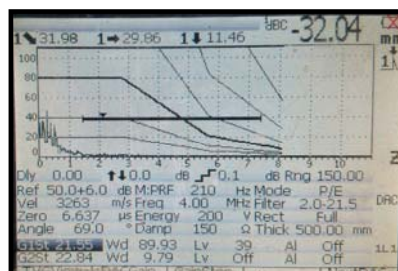
G4 / P4~P5-



G4 / P4~P5-2



G4 / P5~P6-1



G4 / P5~P6-2

INDT

REPORT OF ULTRASONIC EXAMINATION

Report No.
보고서 번호

ID-U-MS-160322-01

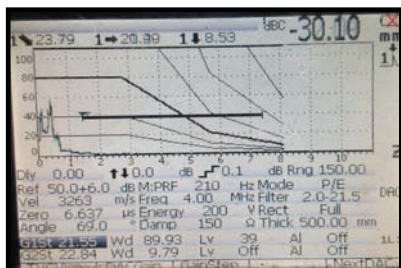
國際非破壞検査(株)

초음파탐상검사보고서

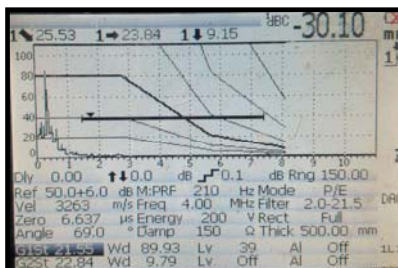
대구광역시 달서구 성서서로 15길17(월암동) / Tel : 053-586-7370 / Fax : 053-591-7371
17, Seongseoseo-ro 15-gil, Dalseo-gu, Daegu, 704-833 Rep. of KOREAPage
페이지

9 OF 9

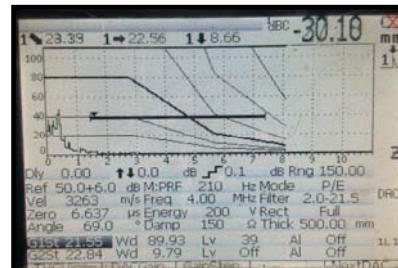
UT POINT MAP



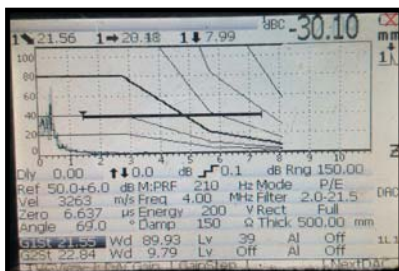
G4 / P6~P7-1



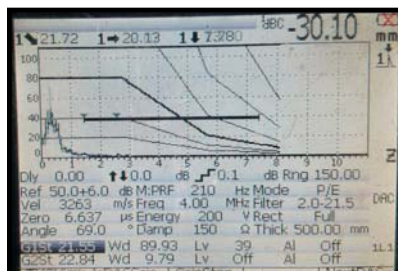
G4 / P6~P7-2



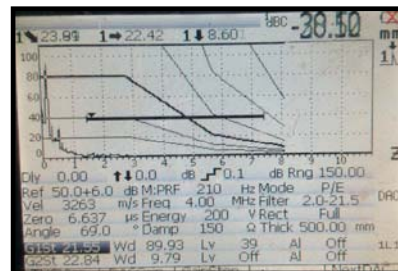
G4 / P7~P8-1



G4 / P7~P8-2



G4 / P8~A2-



G4 / P8~A2-2