ESABDIGITAL
S O L U T I O N S

WELDCLOUD NOTES

Leave your welding documents to us.

WELDCLOUD NOTES - TAKE THE DOCUMENTATION OF WELDING MANAGEMENT OFF YOUR HANDS

WeldCloud Notes is an innovative welding management software to improve documentation productivity, reduce costs, avoid liabilities and ensure compliance and quality assurance in project execution.

NOTES IS FULLY COMPLIANT WITH THE MOST COMMON WELDING STANDARDS

ASME IX **ISO 15614-1** **AWS D1.1** **+ MORE**

INCLUDES LANGUAGE & REGION SUPPORT WITH:

- Document exports in English, French, Dutch, Spanish and Portuguese

- Metric (mm, °C) and Imperial (inches, °F) systems supported

- European and US localisation (DD/MM/YYYY and MM/DD/YYYY date formats) and both decimal separators supported
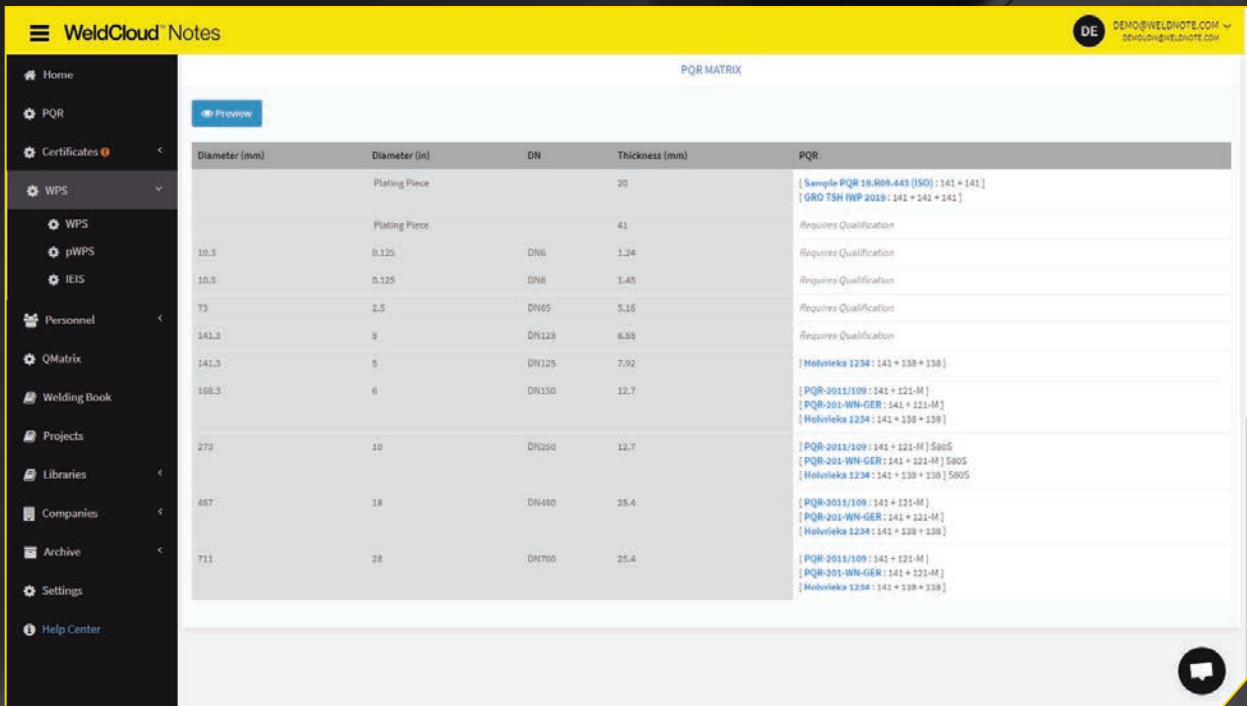
POWERFUL SEARCH

Efficiently review all of your PQR, WPS and WPQ information with a quick and easy search feature.

Analyze and Compare – project requirements with your company's PQRs, WPSs or Welder Qualifications

Search and Find – all PQRs, WPSs and WPQs that are qualified to a project by selecting base metals, filler metals, thickness, diameter, etc

Save Money – by avoiding overlapping qualifications and potential liabilities by having all documentation at your fingertips

Save Time – by ensuring that your company is qualified at project kick-off

WeldCloud™ Notes

DEMO@WELDNOTE.COM
DEMOLON@WELDNOTE.COM

- Home
- PQR
- Certificates
- WPS
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  - pWPS
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PQR MATRIX

Preview

Diameter (mm)	Diameter (in)	DN	Thickness (mm)	PQR
	Plating Piece		20	[Sample PQR 19.R08.443 (ISO) : 141 + 141] [GRO TSH IWP 2019 : 141 + 141 + 141]
	Plating Piece		41	Requires Qualification
10.3	0.125	DN6	1.24	Requires Qualification
10.3	0.125	DN6	1.45	Requires Qualification
73	2.5	DN65	5.16	Requires Qualification
141.3	5	DN125	6.55	Requires Qualification
141.3	5	DN125	7.92	[Holvrleka 1234 : 141 + 138 + 138]
168.3	6	DN150	12.7	[PQR-2011/109 : 141 + 121-M] [PQR-201-WN-GER : 141 + 121-M] [Holvrleka 1234 : 141 + 138 + 138]
273	10	DN290	12.7	[PQR-2011/109 : 141 + 121-M] 580S [PQR-201-WN-GER : 141 + 121-M] 580S [Holvrleka 1234 : 141 + 138 + 138] 580S
457	18	DN460	25.4	[PQR-2011/109 : 141 + 131-M] [PQR-201-WN-GER : 141 + 121-M] [Holvrleka 1234 : 141 + 138 + 138]
711	28	DN700	25.4	[PQR-2011/109 : 141 + 121-M] [PQR-201-WN-GER : 141 + 121-M] [Holvrleka 1234 : 141 + 138 + 138]

EFFICIENT PQR/WPS MANAGEMENT

Generate PDF's or Upload Your Own - use the procedure qualification records (PQRs) that were qualified by third-parties, or make your own with our PQR generator. Use them in projects, or write new welding procedure specifications (WPSs) from them.

Automatic Approval Range Calculation - according to each standard, Approval Ranges are calculated automatically in real-time for all the supported standards (Metric system also available).

Instantly Create WPS - select an existing PQR and create a WPS based on this PQR. WPS will keep track of the qualification ranges with code checking, warning you if the WPS is going over or under PQR limits.

Advanced WPS - join multiple procedure qualification records (PQR) to create welding procedure specifications (WPS) that are more suited to your project.

ESAB

WELDING PROCEDURE SPECIFICATION / ESPECIFICACION DEL PROCEDIMIENTO DE SOLDADURA
ESAB - - Av. 24 Julho
0MT-0031

Client / Cliente:

BASIC INFORMATION / INFORMACIÓN BÁSICA

PQR # RCP Nº	0MT-003		Standard Norma	ASME IX (ASME VIII)		Product Type Tipo de Producto	Pipe
Weld Type Tipo de Junta	BW - Butt Joint	Welding Processes Procesos	Root	GTAW	Fill	GMAW	Cap	FCAW

BASE MATERIAL DETAILS / DETALLES DE MATERIAL BASE (QW-402 & QW-403)

Base Materials Materiales Base	SA 312 TP304 D 168.2 (mm), T 16 - 32 (mm)		SA 312 TP304 T 16 - 32 (mm)		W. Thickness (mm) Espes. (mm)	0 - 36.58	Diameter (mm) Ø	≥ 0
Group Grupo	P8 Gr1 P8 Gr1	Welding Positions Posiciones de Soldadura	Root	1G, 2G, 4G, 1F, 2F, 4F	Fill	1G, 2G, 4G, 1F, 2F, 4F	Cap

FILLER MATERIAL DETAILS / MATERIAL DE RELLENO (QW-404 & QW-408)

(QW-404)	Root	Fill	Cap	(QW-408)	Root	Fill	Cap
Specification Especificación	SFA 5.9	SFA 5.9		Shielding Proteccion	Gas null	Gas null	
Classification Clasificación	ER308LSi	ER308LSi		Flow Rate (l/min) Flujo de Gas			
Commercial Designation Marca Comercial				Commercial Designation Marca Comercial			
Group Grupo	F6 A8	F6 A8		Backing Flow & Rate l/min Flujo de Respaldo	Gas Backing (SG-A) 99.999		
Diameter (mm) Ø (mm)	2	1			Root 15	Fill 10	Cap 10

JOINT DETAILS / DETALLES DE JUNTA (QW-402)

Preparation Method Método de Preparación	Machining	Throat (mm) Espesor de la Garganta	N/A	Weld Details Detalles de Soldadura	Multi layer + Single side, gas backing

GROOVE DESIGN / DISEÑO DE JUNTA

60°
5
12
5

WELD LAYER CONFIGURATION / CONFIGURACIÓN DE PASES

N
1

Root Gap: 3 - 5 (mm) (R) / Root Face: 0.5 - 1.5 (mm) (F)

Groove Angle: 60.0 - 65.0º (A)

WELDING PARAMETERS / PARÁMETROS (QW-409)

WELDERS AND WPQs ALWAYS QUALIFIED

Welder Expiration Dates - keep track of all your welder qualifications (WPQ) expiration dates. Requalify them every 6 months and attach test reports for added traceability.

Welder Qualifications in a Single File - WeldCloud Notes will fetch all of a welder's qualifications and merge them into a single PDF for easier sending to your clients.

Welding Books – write new Welding Books including all welding procedures for a project and export as a PDF.
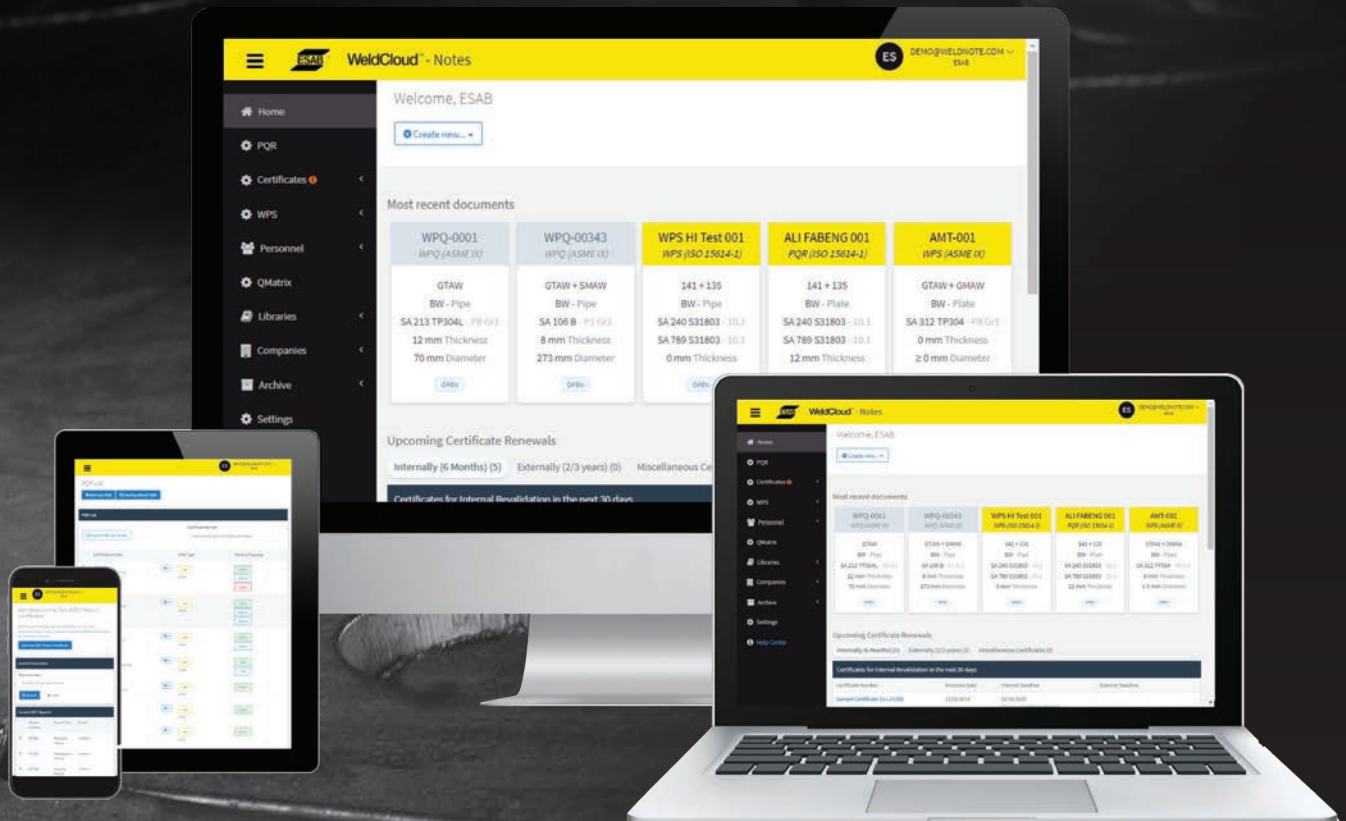
Project Management – register all welds and components in a project, including base metals, welders, filler metals, and keep track of the whole project, and generate a PDF report of all documentation when the project is complete.

PLUS...

Company Logos – all documents are exported with your company's logo.

Subsidiaries – introduce multiple companies or subsidiaries and funnel work through each of them. Collaborate between divisions, or restrict permissions to certain users.

Devices – use Notes in any device that has a browser, even when internet access is limited.

PUT ESAB DIGITAL SOLUTIONS TO WORK FOR YOU.

Start collecting and using data to optimise your entire workflow with ESAB Digital Solutions. Our specially trained technicians can install the software on your fleet of machines within hours and have your entire staff trained in just a few days. You can implement the entire ESAB Digital Solutions suite or pick only the services you need.

For more information, contact your ESAB sales representative or visit esab.com/digital.

UNRIVALLED SERVICE AND SUPPORT.

ESAB Digital Solutions, like every ESAB product, is backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with maintenance and upgrades. Plus, our products are backed with the most comprehensive warranty in the business.

With ESAB Digital Solutions, you can be sure that you are using a platform that will meet your needs today and in the future. Additional product and process training is also available.

ESAB / **esab.com**

XA0021.4221 / NA / EN / 08-09-20 / Note: ESAB reserves the right to alter specifications without prior notice

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GLOBALLY CERTIFIED MANAGEMENT SYSTEMS