



RELACION DE PROCEDIMIENTOS DE SOLDADURA-AÑO 2020

| ITEM | NORMA | DESCRIPCIÓN | rev. | Nº PQR | rev. | Nº WPQ | PROCESO SOLDEO | Espesor (mm) | MATERIAL BASE | DESCRIPCIÓN MATERIAL | MATERIAL APORTE | Tipo Unión |
|------|-------|-----------------------------|------|---|------|-----------------------------------|----------------|--------------|-------------------|------------------------------------|-----------------------------------|------------|
| 63 | UNE | WPS-MG-2017-8.1-135-C1/2 | 0 | WPQR-MG-2017-8.1-135-01 ; WP | 0 | Eloy Garcia Eiroa | 135 | 6 | AISI304L/AISI304L | ACERO INOX AISI304L | M-308L | BW/FW |
| 39 | ASME | MG-3-304L-304L | 0 | PQR#MG-3-304L-304L | 0 | Eloy Garcia Eiroa | GMAW | 30 | AISI304L/AISI304L | ACERO INOX AISI304L | ER308LSi | BW |
| 7 | ASME | MG-1-316L-316L | 0 | PQR- MG-1-316L-316L | 0 | Daniel Lagares Alonso+Eloy García | FCAW | 35 | AISI316L/AISI316L | ACERO INOX AISI304L | E316LT1-1/4 | BW |
| 18 | ASME | MG-3-316L-316L&317L | 0 | PQR Nº:03-03 | 0 | J.M. Vazquez Pose | FCAW | 30 | AISI316L/AISI316L | ACERO INOX AISI316L | E317LT1-1/4 | BW |
| 42 | UNE | WPS-MG-2015-8.1-136 | 0 | MG-2015-8.1-136 | 0 | Carlos Cerviño Lois | 136 | 30 | AISI316L/AISI316L | ACERO INOX AISI316L | E316LT1-1/4 | BW |
| 38 | ASME | MG-4-304L-S355J2 | 0 | PQR#MG-4-304L-S355J2 | 0 | J.M. Vazquez Pose | GMAW | 30 | AISI304L/S355J2 | DISSIMILAR (INOX+AC.CARBONO) | ER309LSi | BW |
| 64 | UNE | WPS-MG-2017-1.2/8.1-135-FW | 0 | WPQR-MG-2017-1.2/8.1-135-FW | 0 | Eloy Garcia Eiroa | 135 | 6/20 | AISI304L/S355J2 | DISSIMILAR (INOX+AC.CARBONO) | M309L | FW |
| 30 | UNE | MG-2014-1.2-8.1-111-T | 0 | WPQR MG-2014-1.2-8.1-111-T | 0 | Carlos Cerviño Lois | 111 | 20/25 | AISI304/S355J2 | DISSIMILAR (INOX+AC.CARBONO) | EN 1600:E2312 LR 32 | BW |
| 8 | ASME | MG-2-316L-S355J2 | 0 | WPQR- MG-1-316L-S355J2 | 0 | Daniel Lagares Alonso | FCAW | 30 | AISI316L/S355J2 | DISSIMILAR (INOX+AC.CARBONO) | 5.22(E309LMoT0-4) | BW |
| 31 | ASME | MG-9-AISI316L+S355J2 | 0 | PQR MG-9-AISI316L+S355J2 | 0 | Daniel Lagares Alonso | SMAW | 35 | AISI316L /S355J2 | DISSIMILAR (INOX+AC.CARBONO) | E-309MoL-17 | BW |
| 70 | UNE | WPS-MG-2018-1.2-8.1-136 | 0 | WPQR-MG2015-1.2-8.1-136 WQP | 0 | Carlos Cerviño Lois | 136 | 20 y 50 | AISI316L /S355J2 | DISSIMILAR (INOX+AC.CARBONO) | E 309 MoP | BW |
| 50 | UNE | WPS-MET-GALL 07AB | 0 | WPQR-MET-GALL 07AB | 0 | J.M. Vázquez Pose | 136 | 25 | AISI316L/S31803 | INOX AISI 316L +DUPLEx | EN ISO17633A-T23 12 2 L PC/M2 | BW |
| 4 | ASME | MG-DPLX-01 | 3 | PQR-MG-DPLX-01 | 3 | J.M. Vázquez Pose | FCAW | 35 | S31803/S31803 | DUPLEx+DUPLEx | 5.22(E2594T1-4) | BW |
| 5 | ASME | MG-DPLX-03 | 0 | PQR-MG-DPLX-03 | 0 | J.M. Vázquez Pose | SAW | 20 | S31803/S31803 | DUPLEx+DUPLEx | A5.9(ER2209) | BW |
| 37 | ASME | MG-SDPX-04 | 2 | PQR#MG-SDPX-04 | 1 | J.M.Vazquez/D.Candedo | FCAW | 25 | S32750/S32750 | SUPERDUPLEx+SUPERDUPLEx | 5.22(E2594T1-4) | BW |
| 54 | ASME | MG-SDPX-05 | 1 | PQR#MG-SDPX-05 | 1 | Eloy Garcia Eiroa | GTAW | 10 | S32760/S32760 | SUPERDUPLEx+SUPERDUPLEx(ZERON 100) | ZERON 100 (E2594T1-4) | BW |
| 3 | ASME | MG-DPLX-02 | 0 | PQR-MG-DPLX-02 | 0 | Carlos Alvariño Gonzalez | FCAW | 8 | S31803/S275JR | DUPLEx+AC.CARBONO S275JR | A5.22(E309LMoT0-4) | BW |
| 53 | UNE | WPS-MG16-DPLX&S355J2 | 0 | WPQR-MG16-DPLX&S355J2 | 0 | Carlos Alvariño Gonzalez | 136 | 8/24 | S355J2+N/S31803 | DUPLEx+AC.CARBONO S355J2 | E309LMoP | FW |
| 40 | ASME | MG-SDPX-04&S275JR | 0 | PQR#MG-SDPX-04&S275JR | 0 | Carlos Alvariño Gonzalez | FCAW | 8 | S32750 /S275JR | SUPERDUPLEx+AC.CARBONO S275JR | E309LMoT0-4 | BW |
| 70 | EN | WPS-MG-2018-1.2-8.1-136 | 0 | WPQR-MG2015-1.2-8.1-136 WPQR-MG2018-1.2-8.1-136-02 | 0 | Carlos Cerviño Lois | 136 | 20 y 50 | S355J2+N/AISI 316 | DISSIMILAR (INOX+AC.CARBONO) | SUPERCORE 309 MoP FCW | BW |
| 106 | EN | WPS-MG-2020-8.1-8.1-136-121 | 0 | WPQR-MG-2020-8.1-8.1-136-121 | 0 | J.M.Vázquez Pose | 136 | 40 | AISI304L/AISI304L | ACERO INOX AISI304L | SUPERCORE 308 LP+ OE 308L+OP F500 | BW-FW |
| | | Acero inox austenítico | | Inox austenitico/Ac. al carbono | | Inox austenitico/Duplex | | | | | | |
| | | Acero duplex | | Duplex/Ac. al carbono | | | | | | | | |
| | | Acero superduplex | | Superduplex/Ac. al carbono | | | | | | | | |