



## Qualification Test Record NORSOK M-650 Edition 4

QTR. No.:  
QTR-001


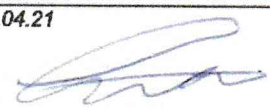
Rev. No.:  
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|---|--|-------------|
| <b>Manufacturer name/address/<br/>Web page:</b>       | SFC EUROPE, Unit13, Dunstall Hill Industrial Estate, Gorsebrook Road,<br>Wolverhampton. West Midlands. WV6 0PJ. www.sfc-europe.com                     |             |
| <b>Reference standard</b>                             | NORSOK M-650 Edition 4 / ISO 17782   |             |
| <b>Material designation and MDS<br/>No.:</b>          | ASTM A276 / 479 UNS S32760. NORSOK M-630 2020 MDS D60/60L Revision 3   |             |
| <b>Manufacturing summary doc.<br/>No.:</b>            | SFC-MS-001   | Rev. No.: 0 |
| <b>Products and manufacturing<br/>process(es):</b>    | Studs, Bolts, Screws, & Nuts made from Solution Annealed bar up 4.00" Diameter   |             |
| <b>Mandatory conditions and sub-<br/>contractors:</b> | Start material purchased from NORSOK M-650 qualified bar manufacturer.<br>Testing - ISO 17025 accredited laboratory.<br>Machining at SFC-Europe Ltd    |             |
| <b>Other information:</b>                             | Laboratory Tests Witnessed by 3 <sup>rd</sup> Party -<br>*All tests performed met all MDS D60 & D60L production requirements for the<br>bespoke grade. |             |
| <b>Qualification Expires</b>                          | 21/04/2026   |             |

### Tested and Qualified Thickness and Weight



| Products and<br>manufacturing<br>process(es): | Test record No.       | Tested<br>thickness<br>(inch) | Qualified thickness<br>(inch)                  | Test piece weight<br>(kg) | Qualified weight<br>(kg) |
|---|-----------------------|-------------------------------|--|---------------------------|--------------------------|
| Solid Bar, Studs,                             | 20-09440, (D60 / 60L) | 0.500"                        | 0.5" - 2.0"<br>(D60 & D60L)                    | N/A                       | N/A                      |
|   | 20-09447 (D60 / 60L)  | 2.000"                        |  |                           |                          |
| Bolts   | 20-09454 (D60 / 60L)  | 0.500"                        | 0.5"(D60 / D60L)<br>*1.5" (D60)<br>*2.0" (D60) | N/A                       | N/A                      |
|   | 20-09455 (D60)        | 1.500"                        |  |                           |                          |
|   | 20-09457 (D60)        | 2.000"                        |  |                           |                          |
| Screws  | 20-09448 (D60 / 60L)  | 0.250",                       | 0.5" - 1.0"<br>(D60 & D60L)                    | N/A                       | N/A                      |
|   | 20-09456 (D60 / 60L)  | 0.625"                        |  |                           |                          |
| Nuts  | 20-09451 (D60 / D60L) | 0.500",                       | 0.5" (D60 / D60L)<br>M12 (D60 / D60L)          | N/A                       | N/A                      |
|   | 20-09449 (D60 / D60L) | M12 (12mm)                    |  |                           |                          |
| Solution Annealed.                            | 20-09450 (D60)        | 1.500"                        | *1.0"- 2.5"<br>(D60)                           | N/A                       | N/A                      |
|   | 20-09452 (D60)        | M36 (36mm)                    |  |                           |                          |
|   | 20-09453 (D60)        | 2.000"                        |  |                           |                          |
|   | 20-10062-1 (D60)      | 2.500"                        |  |                           |                          |

### Qualification/acceptance signatures

|  |   |  |
|--|---|--|
| <b>Manufacturer:</b><br>SFC Europe Ltd | Prepared by/Date: 20.04.21<br><br>L. Bradshaw<br>Quality Manager<br> | Checked by/Date: 20.04.21<br><br>Ian Crabtree<br>Sales Director<br> |
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#### Remarks/Special remarks:

- The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials.
- This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.

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| <b>Qualified/Accepted by (company name/address):</b><br><br> <b>Aker Solutions</b><br>Fornebu, Norway<br>NO 929 877 950 VAT | <b>Expiry date</b> 21/04/2026<br><b>Signature:</b><br>21/04/2021<br> |
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