Authorization To Ship (ATS)

Global User Guide for TechnipFMC Suppliers (SAP)

Rev	Date	Author	Reviewed By	Approved By	Status
1	April 2026	Amit Mishra	Global ATS Process Workgroup	Stephanie Vacek	Released

Summary of changes:

The changes are detailed in Section: **6 - DOCUMENT REVISION CHANGE HISTORY**

Table of Contents

1 Introduction

The Authorization to Ship (ATS) Documentation Review Process is intended to ensure that all manufacturing records required per TechnipFMC's Part Report are received, reviewed, and accepted by TechnipFMC prior to the shipment of physical parts from suppliers.

This document provides examples for the ATS Documentation Review Process. It is merely a reference/guide on how TechnipFMC reviews the supplier documents. Each requirement reflected in the individual sections is subjected to the TechnipFMC Part Report calling them out. Further, the records submitted by TechnipFMC's suppliers shall be accurate, regardless of TechnipFMC's scope of verification during pre-delivery.

The supplier and TechnipFMC shall follow the latest actual requirements as defined in either the purchase order or TechnipFMC Part Report. At no point does this document serve to create requirements.

***Note**: ATS is exempted for non-traceable parts (no serialization or batch management) which have no post-manufacturing documentation / MIR requirements.*
Traceable Part = Serialization, Batch management or when Q03411 is on the part report.

2 Definitions

Items for Accuracy: Recommends the parameters that shall be documented and emphasizes exactness or precision of those parameters. These shall be treated as non-conforming if they are missing or incorrect if required in the Part Report.

Items for Reporting: Recommends parameters that shall be documented but may not be verified against a specific requirement. These shall be treated as non-conformance if they are missing.

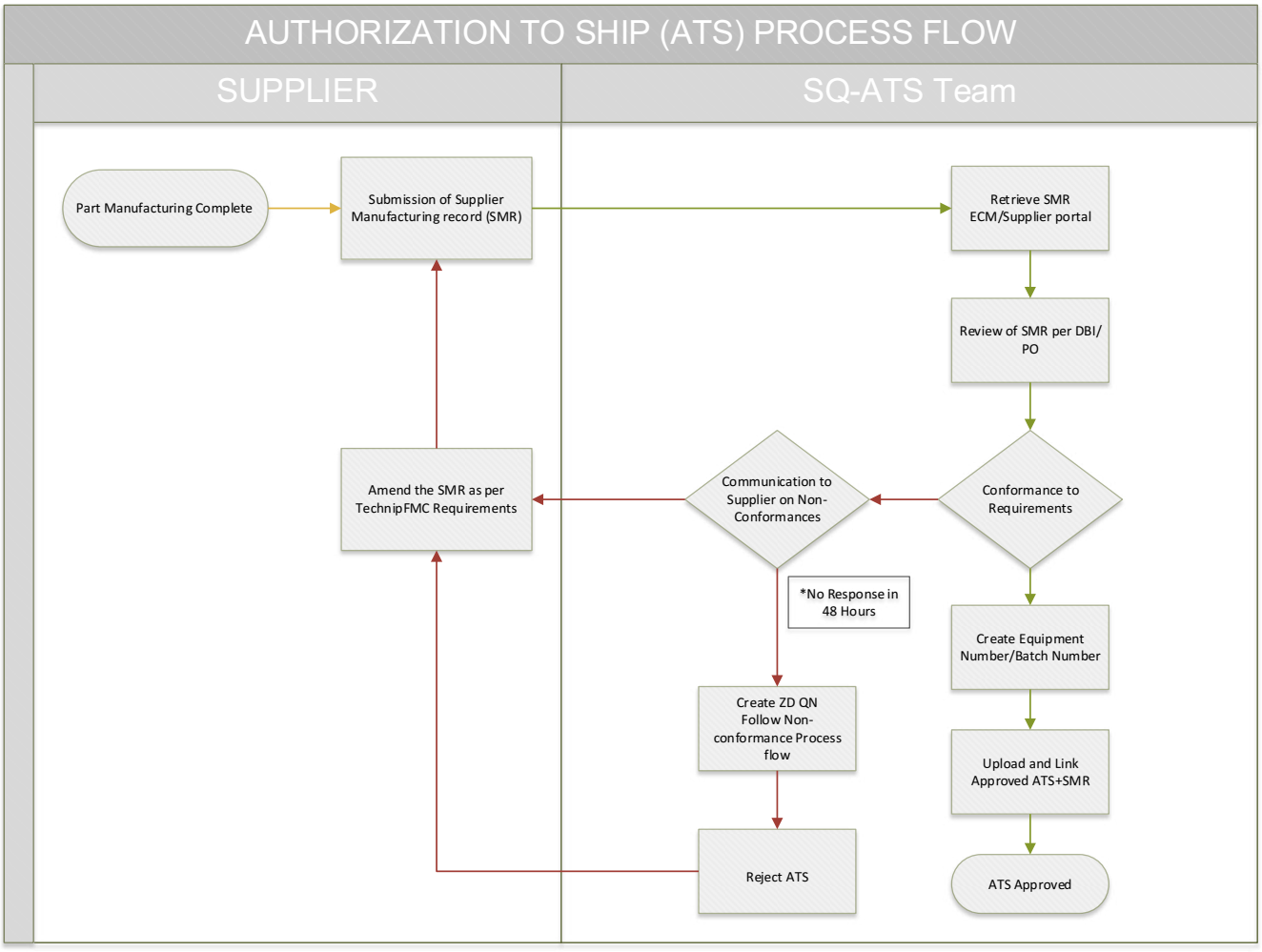
3 Acronyms

Refer TechnipFMC Glossary.

Acronym	Definition
ASY	Assembly Procedure
ATS	Authorization to Ship
COC	Certificate of Conformance
SMR	Supplier Manufacturing Record
DR	Digital Radiography
eSMDR	Electronic Supplier Master Document Register
FAT	Factory Acceptance Test
MCR	Mechanical Completion Record
MIR	Manufacturing Information Requirement
MTR	Material Test Report
NDE	Non-Destructive Examination
PAUT	Phased Array Ultrasonic Test
PMI	Positive Material Identification
PO	Purchase Order
QTC	Qualification Test Coupon
TST	Test Procedure
WPS	Welding Procedure Specification

4 Procedure

4.1 Process Workflow



* ZD QN will be created if no response is received from the supplier within 48 business hours.

4.1.1 SUPPLIER - SUBMIT MANUFACTURING RECORDS

- Upon completion of a Part and prior to release or shipment of the Part:
- Suppliers shall compile the Supplier Manufacturing Records per TechnipFMC Part Report, GSD-21-0004 - Administration Requirement and/or PO requirements.
- Suppliers shall upload the Supplier Manufacturing Records following Purchase Administrative Requirements – Quality Management (GSD-21-0004), accessible via https://www.technipfmc.com/en/services/purchaserequirements/.

Note: If there are any issues related ECM, please reach out to *ecm.queries@digicorner.onmicrosoft.com*

AUTHORIZATION TO SHIP FOR PARTS WITH NO TRACEABILITY & NO DOCUMENTATION REQUIREMENTS

- ATS is exempted for non-traceable parts (no serialization or batch management) having no post manufacturing documentation / MIR requirements.

Note: Traceable Part = Serialization, Batch management or when Q03411 is on the part report.

Populate Drop shipment location in ATS

- Populate Drop Shipment Location in Manufacturing Supplier Portal (ECM) / ATS form if the part(s) is being shipped from one supplier location to another supplier or TechnipFMC client location without physically coming to a TechnipFMC location.
- Source Inspection Release Form (SIRF) GTF-21-0040 signed by the source Inspector shall be submitted at the time of ATS approval by the supplier and shall include marking (traceability) photograph on it. ATS will not be approved until a completed SIRF is provided.
- In case of questions, please reach out to your dedicated commercial point of contact.

4.1.2 POINTS TO BE CONSIDERED IN THE SUPPLIER MANUFACTURING RECORDS

- In the supplier's manufacturing records, any section left blank shall be strike off or labelled as "Not Applicable" (N/A).
- Refer to the Purchase Administrative Requirements – Quality Management (GSD-21-0004), accessible via https://www.technipfmc.com/en/services/purchaserequirements/, for special process subcontractor requirements. ATS reviewers will validate qualification of special process subcontractors mentioned in the manufacturing records by checking qualification status on the Global Special Process Supplier List (GSPSL).
    - All Suppliers and Subcontractors performing Special Processes shall be formally qualified by TechnipFMC Subject Matter Experts (SME), prior to performing such processes.
    - Note for Fasteners: Follow Table 1 in Q00346 when referenced on the Part Report.
- Refer to the Purchase Administrative Requirements – Document Management (GSD-21-0009), before uploading the document, , accessible via https://www.technipfmc.com/en/services/purchaserequirements/.
- Extra documentation which is not required as per the part report or purchase order should not be part of the supplier manufacturing records.

4.1.3 TECHNIPFMC ATS TEAM – APPROVE/ REJECT ATS

If the records are conforming to requirements, TechnipFMC ATS Team shall:

- Issue an approved ATS only when all the QN`s are in closed status unless they are rework/service related QN`s and it needs closure POST ATS approval.
- Refer Non-Conformance Request Form (NCR): GTF-21-0016 for information related to Quality Notifications(QN).
- Create an SAP object for equipment & batches where applicable.
- Upload and link the Supplier Manufacturing Records and ATS Form in SAP.

SUPPLIER – RESPOND TO ATS APPROVAL/CORRECTION

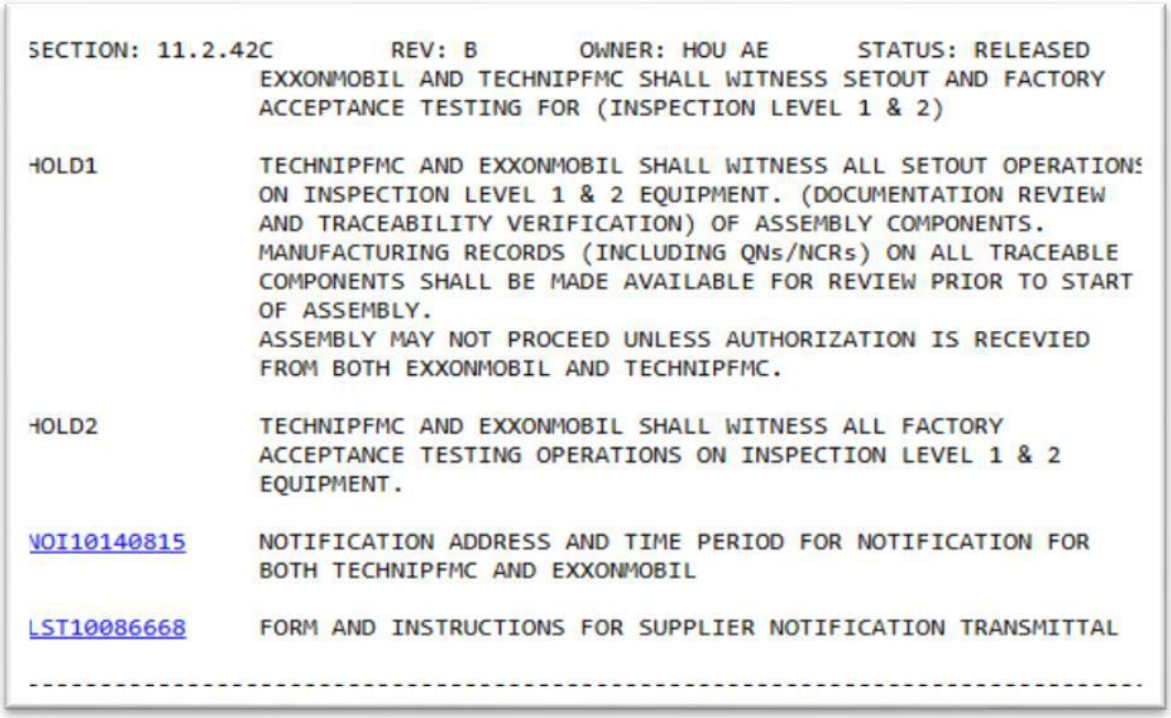
- If ATS is approved, Supplier shall include a hard copy of the approved ATS with the Part and ship the Part to its delivery location.
- If ATS is rejected, Supplier shall resubmit the amended document within 48 business Hours, else a ZD QN will be created.

4.1.4 Surveillance activities:

a. Setout:

- If there is a set out witness requirement in the NOTE/HOLD points in part report(s), the respective representatives shall review the availability of all components, inspect them visually, and verify their traceability.
- As confirmation of the setout witness, representatives shall sign/stamp the traceability lists. Additionally, they should clearly specify their name, designation, and the company they represent adjacent to the signature.

Refer Example Below:



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SECTION: 11.2.42C        REV: B       OWNER: HOU AE      STATUS: RELEASED
                EXXONMOBIL AND TECHNIPFMC SHALL WITNESS SETOUT AND FACTORY
                ACCEPTANCE TESTING FOR (INSPECTION LEVEL 1 & 2)

HOLD1           TECHNIPFMC AND EXXONMOBIL SHALL WITNESS ALL SETOUT OPERATIONS
                ON INSPECTION LEVEL 1 & 2 EQUIPMENT. (DOCUMENTATION REVIEW
                AND TRACEABILITY VERIFICATION) OF ASSEMBLY COMPONENTS.
                MANUFACTURING RECORDS (INCLUDING QNs/NCRs) ON ALL TRACEABLE
                COMPONENTS SHALL BE MADE AVAILABLE FOR REVIEW PRIOR TO START
                OF ASSEMBLY.
                ASSEMBLY MAY NOT PROCEED UNLESS AUTHORIZATION IS RECEVIED
                FROM BOTH EXXONMOBIL AND TECHNIPFMC.

HOLD2           TECHNIPFMC AND EXXONMOBIL SHALL WITNESS ALL FACTORY
                ACCEPTANCE TESTING OPERATIONS ON INSPECTION LEVEL 1 & 2
                EQUIPMENT.

WOI10140815     NOTIFICATION ADDRESS AND TIME PERIOD FOR NOTIFICATION FOR
                BOTH TECHNIPFMC AND EXXONMOBIL

LST10086668     FORM AND INSTRUCTIONS FOR SUPPLIER NOTIFICATION TRANSMITTAL

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b. **Witness point 'W':** A Witness point "W" is a manufacturing, testing or service activity where it is required that

an independent Point party verifies during the execution of the activity that the product or service for delivery complies with the specified requirements. TechnipFMC must be given notification of all process activities designated with a Witness point "W" within a predetermined amount of time before the start of that activity. Once proper notification is given, the process can proceed with or without the presence of a TechnipFMC or Client representative after the designated amount of time has passed. Some projects may provide a written response with intent to witness the activity or acknowledge non-participation (this is optional).

c. **Hold Point 'H':** A Hold point "H" is a manufacturing, testing or service activity where it is required that an independent TechnipFMC representative is present to observe the activity and to ascertain that the product or service for delivery complies with the specified requirements. TechnipFMC must be given notification of all process activities designated with a Hold point "H" within a predetermined amount of time before the start of that activity. If the applicable representative is not present, the activity may only start on a written authorization (waiver) to proceed from the applicable representative. Waiving a hold point shall be documented and the reason for waiving stated (refer to Section B of the NOI form). Whenever there is a hold point mentioned in the part report, the ATS team will check for the presence of a witness stamp on the specific report.

In case the witness stamp is missing for "Hold":

The ATS team will reach out to the supplier to provide the stamp. If the supplier fails to do so, they must provide a waiver to the ATS team. If the supplier fails to provide a waiver, confirmation shall be obtained from Supplier Quality or the Project team.

Note: *Whenever there is a witness and the part report does not contain a "Hold" point, the ATS team will proceed as is.*

4.1.5 PBATS stands for Performance Based Authorization To Ship.

- Suppliers are considered based on the ATS received by TechnipFMC ATS Team.
- ATS /supplier manufacturing records review is exempted.
- This program started in 2019.

Qualification of the supplier into PBATS program is based on below requirements:

- Qualified Supplier on Global Qualified Supplier List (GQSL:GPS-21-0005) and 12 Months of registration in SAP
- Delivered minimum 30 ATS packages within six months with more than 95% of ATS First pass yield and 5% rejections shall not have any critical ATS rejections.

Benefits of PBATS-

- **Auto Approval of Shipments:** No ATS approval waiting time. Auto-approval reduces ATS lead times from three days to nearly zero, resulting in cost savings.
- **Increased Supplier Ownership:** Encouraging suppliers to take greater ownership of quality and documentation will lead to better compliance and accountability.
- **Enhanced Vendor Management:** By evaluating vendors based on their performance, we can improve our overall vendor management scope.

Reason for PBATS Disqualification

- **Change in Supplier Work Scope:** The supplier's scope of work has been modified.
- **Failure to Meet Part Report Requirements:** The necessary part report requirements were not complied with.
- **Insufficient Documentation:** The documentation provided was incomplete.

Containment action plan to be performed in case of rejection comments identified during the ATS sample review.

CTO PBATS:

- The configure to Order (CTO) business model is where standard configurable products flow through their value chains for delivery to our clients.
- Configure To Order Quality is to develop a Quality Management System that combined with the SS2.0 standardization of products, processes, and operations enable reduced costs and lead times while achieving reliable, repeatable, right-first-time project execution and product performance. TechnipFMC SS2.0 Standard Product ITPs were designed to meet industry standards, satisfy Client risk management needs, and foster our imperative of Simplification, Standardization, and Industrialization.
- Manufacturing records Portal (ECM) is being redesigned to distinguish between CTO and non-CTO parts. As part of this enhancement, CTO parts will be automatically approved, simplifying workflows and improving efficiency.

Note: All other details remain the same as PBATS

4.1.6 ATS Waiver Process

- Authorization to ship incoming parts prior to the completion of the ATS process with a waiver is granted under specific conditions. This authorization is given by the Supplier Quality Manager for purchased parts as necessary.

- **Conditions Include:** Quality Issue, Planning Issue, Urgent delivery, late buy by TechnipFMC, shipping in parallel with ATS submittal/review will prevent interrupt at operations.

- To initiate the ATS waiver process contact your TechnipFMC Buyer. Buyer is responsible for obtaining the required signature and approval from SQM, and for submitting the necessary information to the respective ATS Box
- Refer **GSOP-21-0031** Appendix 5 for detailed AUTHORIZATION TO SHIPMENT (ATS) WAIVER PROCESS.

4.1.7 Sub-contracting PO w/TechnipFMC provided parts Traceability Process Requirements

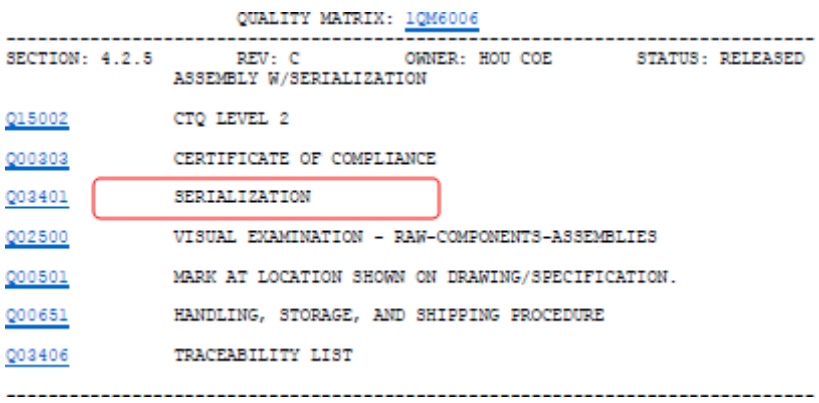
- When a sub-contracting PO is sent to ATS by the supplier, the supplier will be required to fill in the serial numbers and batch numbers of the sub-components that have been provided to them from TechnipFMC and subsequently installed in the assembly.
- Assemblies that include TechnipFMC provided parts will have Q03401 included in the part report. The requirement to deliver a hardcopy of the traceability list is not required, if you have already provided digital ATS including TechnipFMC provided sub-components.

4.2 Traceability Requirements

4.2.1 Serialization

Serial number shall be provided if specification Q03401 or Q03410 is called out on the TechnipFMC Part Report.

A serial number is a unique identifier of a particular instance (piece) of the part design. Serialization provides a direct link between the individual part/assembly and its associated manufacturing documentation and history throughout the life of the part/assembly.



QUALITY MATRIX: 1QM6006

SECTION: 4.2.5 REV: C OWNER: HOU COE STATUS: RELEASED
ASSEMBLY W/SERIALIZATION

Q15002	CTQ LEVEL 2
Q00303	CERTIFICATE OF COMPLIANCE
Q03401	SERIALIZATION
Q02500	VISUAL EXAMINATION - RAW-COMPONENTS-ASSEMBLIES
Q00501	MARK AT LOCATION SHOWN ON DRAWING/SPECIFICATION.
Q00651	HANDLING, STORAGE, AND SHIPPING PROCEDURE
Q03406	TRACEABILITY LIST

Documents shall contain references to Serial Number(s) as required by the reporting section of the specification. For turn-key parts with multiple levels, it is advised to reference the individual part number calling for the activity to be performed, not just the final deliverable. Please ensure all documents contain the information.

4.2.2 Batch Management

A batch number shall be provided if specifications Q03402 or any other elastomeric specification with batch number requirement is called out on the TechnipFMC Part Report.

A Batch Number identifies a group of uniform parts produced in a single manufacturing run. A batch is an instance of raw material or finished materials, resulting in a uniform product group, with the same material tolerances, properties.

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                    QUALITY MATRIX: 1QM0000
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SECTION: 5.2          REV: B          OWNER: HOU AE          STATUS: RELEASED
                STUDS AND FASTENERS

Q15003          CTQ LEVEL 3

Q00346          SPECIFICATION, REQUIREMENTS FOR VERIFICATION, PACKAGING AND
                MARKING OF STUDS, NUTS AND FASTENERS.

-------------------------------------------------------------------------
SECTION: 4.9.2        REV: B          OWNER: HOU AE          STATUS: RELEASED
                BATCH MANAGEMENT

Q03402          BATCH MANAGEMENT.
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Documents shall contain references to Batch Number(s) as required by the reporting section of the specification. Please ensure all documents contain the information.

4.2.3 Traceability Table

Spec	Specification type	Traceability type
Q03401	General Serialization	**Serialization**
Q03402	General Batch Management	Batch Management
Q00306	Lifting Specification	**Serialization**
Q00307	Lifting Specification	Batch Management
Q00308	Lifting Specification	**Serialization**
Q03405	Elastomer Specification	Batch Management
Q03803	Elastomer Specification	Batch Management
Q03804	Elastomer Specification	Batch Management
Q03805	Elastomer Specification	Batch Management
Q03808	Elastomer Specification	Batch Management
Q03809	Elastomer Specification	Batch Management
Q03810	Elastomer Specification	Batch Management

Note: This table is not all encompassing and shall be treated as an example only. Additional specifications may require traceability per TechnipFMC Part Reports.

4.3 Ensure eSMDR approval

- eSMDR Web Tool is a web-based collaboration tool between TechnipFMC and Suppliers that summarizes which Pre-manufacturing Documents (i.e. Manufacturing Process Qualification (MPQ)/ Manufacturing Process Specifications (MPS), special process procedures, engineering documents) shall be reviewed and approved by TechnipFMC (and Client, when required) for each Part number.

- TechnipFMC will approve the eSMDR (SIR101 row) when all pre-manufacturing documents listed on the eSMDR webpage are approved, eSMDR coordinator shall send the supplier an Email stating "eSMDR approved".

  Note: ATS will not be rejected when the eSMDR Web Tool displays *only* the SIR101 row (i.e., there are no actual pre-manufacturing procedure requirement rows).
- eSMDR shall be approved prior to submitting the ATS, otherwise it is nonconforming. Please provide a copy of the approved eSMDR in the Documentation Package in order to expedite the review process.
- If you have questions concerning eSMDR, please refer the Global User Guide for TechnipFMC suppliers found on the INFO link of the TechnipFMC Part Report.

4.4 ATS Form

The ATS Form is a tool that summarizes the order information that Supplier is submitting to be reviewed and approved by TechnipFMC. Instructions guiding the use of this form can be found on the INFO link of the TechnipFMC Part Report under ATS Form.

The ATS Form shall be approved prior to the initiation of shipment or delivery of the part to avoid rejection at the receiving end.

Note:

TechnipFMC has implemented a restriction to the timeframe for Suppliers to submit ATS. The supplier shall not submit ATS prior to **45 days** from the planned delivery date on the purchase order (PO).

Submittal Process using ATS Form and PO Doc Collaboration:

ATS requests received more than 45 days prior to the PO delivery date will be rejected and the Supplier will be required to resubmit within the appropriate timeframe.

Submittal Process using the Manufacturing Records Portal (ECM):

The Manufacturing Records Portal (ECM) restricts users from making a package submission if the planned delivery date is not within 45 days from the current date.

4.5 MIR Report Checklist

- The Manufacturing Information Requirement (MIR) Report is a tool to automatically generate a list of all manufacturing information requirements that are called for on the Part Reports. This report has been used by personnel to double-check that they have met expected Manufacturing Information Requirements.
- The MIR Report is not the same as eSMDR, and the two should not be confused. The MIR report summarizes the documentation that is required as a result of the manufacturing process. The MIR report is a listing of the manufacturing records with links to the specifications driving the requirement on the Part Report.
- The MIR Report is not a requirement for Suppliers to populate and submit to TechnipFMC, but the report is a useful tool to quickly verify requirements are met.
- Instructions guiding the use of the MIR Report can be found on the INFO link of the TechnipFMC Part Report under MIR Report Update. Please refer to this for detailed instructions on using the MIR Report as a tool.
- Other documents necessary for compiling the supplier manufacturing records may be included in part reports specifications or notes and may not be listed in the MIR.

Report/Certificate content is to be drafted as per documentation section included in each spec associated to MIR

5 General Documentation Review

5.1 Certificate of Compliance

COC is a declaration provided by Supplier to TechnipFMC stating the conformance to the part requirements. Supplier shall provide the COC in the supplier document whenever Q00303, or similar specification, is required on the Part Report.

The Supplier shall document all the requirements stated in the required specification. Below are the parameters that shall be reported on COC issued by Supplier to TechnipFMC. Please refer to TechnipFMC Part Report for specific reporting requirements.

Supplier C of C's are required to include the following information

a. Part number and revision level
b. Traceability (i.e. serial or batch number if required))
c. Purchaser's reference (i.e. purchase order number and line-item number)
d. Date of Issue
e. Material and temperature class shall be recorded for PSL3 & PSL4, when required by API 6A and 17D (reference TechnipFMC Part Report)
f. Quantity being certified
g. Conformance statement affirming that the deliverable has met the specifications required by the TechnipFMC Part Report. TechnipFMC's recommended statement is as follows:
   This certificate attests that the equipment identified herein was manufactured, assembled, tested and inspected in accordance with specifications required by the TechnipFMC Part Report and Purchase Order requirements.
h. Name and address of issuing company
i. Any additional manufacturer's references or information
j. Name, job title, and signature of person authorized by the organization/company to issue the certification.

5.2 Material Traceability List

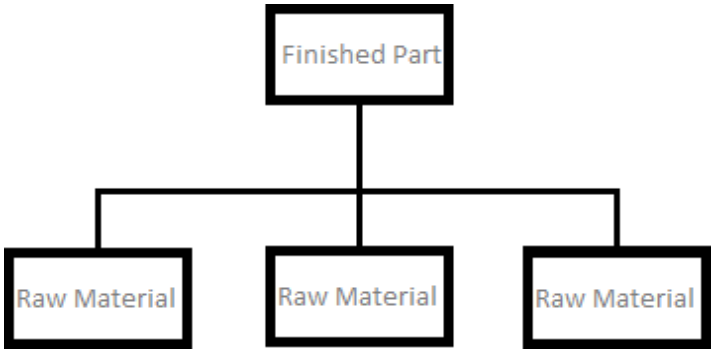
A material traceability list provides the traceability of all the sub-component parts involved in the assembly. It shall provide a link between the upper level and lower-level trace numbers.

Supplier shall provide the material traceability list in the supplier records whenever Serialization is required. In addition, a traceability list for kits shall be provided whenever Q03404 is required in the Part Report.

Q03401 is to be referred for the content requirements of a traceability list.

Single level traceability:

Multiple level traceability:



5.3 Material Certificate

Material certificate consist of different sections, including the chemical, mechanical and heat treatment analysis of the material used by the manufacturer.

5.3.1 Chemical Analysis

When required, chemistry shall be provided proving conformance to specifications' requirements. The composition of chemical element(s) shall be documented and shall be in range based on the specifications found on the TechnipFMC Part Report.

TechnipFMC Specifications are often more restrictive than basic material types. Please make sure the values meet the TechnipFMC ranges in addition to the industry minimums.

5.3.2 Mechanical Analysis

When required, mechanicals shall be provided proving conformance to specifications' requirements. The values provided by Supplier shall be documented and shall be in range based on the specification.

TechnipFMC Specifications are often more restrictive than basic material types. Please make sure the values meet the TechnipFMC ranges in addition to the industry minimums.

Examples of Material tests include:
Tensile Strength, Yield Strength, Elongation and Reduction in Area.

5.3.3 Charpy Impact Testing

If any specifications' requirements related to Charpy test is called out on the Part Report, Supplier shall provide reports. Please ensure the provided results conform to the test temperature and the values within the specification's ranges.

5.3.4 Hardness Testing

Reference Section 5.7

5.3.5 Heat Treatment Analysis

There are several specifications that require heat treatment to be reported. Examples appear below. Please refer to TechnipFMC Part Report for specification requirements.

Q01206 - Covers information for the general heat treatment requirements.

Q01207 - This specification defines heat treatment procedures and practices which are common to all products.

Q01209 - Is for specific application and requires a mandatory prolongation. In addition, this specification requires Supplier to provide the heat treatment chart(s).

5.3.6 Example: MTR Reporting Criteria

Items for Accuracy

1. Part Number and Revision level
2. TechnipFMC Work/Service Order Number & PO Number and Line-Item Number
3. TechnipFMC Specification/Procedure (including Revision Level)
4. All applicable heat-treat cycle parameters that determine the final mechanical properties (i.e. Normalizing, Austenitizing, and Tempering Times and Temperatures)
5. Chemical & mechanical properties (ref. Section 5.3)
6. When required, Charpy V-Notch test parameters (Absorbed Energy, Temperature, Orientation, % Shear and MLE)
7. Traceability (ref. Section 4.2)

Items for Reporting

1. Date of material certification
2. Type of Quenchant used (e.g. water, oil, polymer), temperature at start and finish of quenching, and transfer time from furnace to quench (if applicable)
3. Type, size and hardness of test piece (Part, Prolongation, QTC)
4. Control thermocouple (air, contact, or embedded) & recording thermocouple, if not a furnace set point thermocouple (e.g. contact, or embedded)
5. Grain size for low alloy steel (either grain size number listed, or fine grain practiced listed)
6. Forging reduction ratio of raw material (and QTC if applicable)
7. Name of raw material/ingot Supplier/Subcontractor, if the product is a forging. Not required on other mill shapes.
8. Name of forging Supplier/Subcontractor and name of heat treatment Supplier/Subcontractor, if not heat treated by the original mill source.
9. Name of material property testing source, if not tested by the original mill source.
10. Contractor's QA signature (or printed name) of material compliance to relevant specifications.
11. Identification code number of the furnaces used in the heat treatments shall be recorded on the heat treatment charts. Heat treatment charts do not have to be supplied unless specifically requested by TechnipFMC. Include Furnace Load Maps when required.

5.4 Example: Non-Destructive Examination

NDE shall be performed as per the respective specifications' requirements, Engineering Notes on the Part Report, or NDE procedures which are approved by TechnipFMC prior to the testing. Please ensure these procedures are approved in eSMDR before submitting the ATS.

5.4.1 Ultrasonic Reporting Criteria

Following UT, an examination report shall be completed that shall include the following as a minimum:

- Unique Report Identifier (e.g. report number)
- Part number, revision level and description
- Identification of the procedure / specification used including revision level and acceptance criteria
- Traceability information (e.g. serial number, weld identification etc.)
- Quantity of parts examined and coverage
- Condition and stage of manufacture (i.e. as forged, as cast, as welded, machined etc.)
- Ultrasonic instrument identification (including serial number)
- Search unit identification (including serial number, frequency, size, beam angle and where applicable cable(s) information)
- Couplant used (brand and / or type)
- Special equipment, when used (search units, wedges, shoes, automatic scanning equipment, recording equipment, etc.)
- Computerized program identification and revision (where applicable)
- Calibration / Reference block identification
- Simulation block(s) and electronic simulator(s) identification (where applicable)
- Instrument reference level gain and, if used, damping and reject setting(s)
- Calibration data (including reference reflector(s), indication amplitude(s), and distance reading(s))
- Data correlating simulation block(s) and electronic simulator(s), when used with initial calibration (where applicable)
- Identification of material or volume scanned, surface(s) from which examination was conducted, including surface condition
- Results of examination including map or record of rejectable and recordable indications detected or areas cleared, this shall include areas of restricted access or inaccessible areas
- Examination personnel identity, qualification level, qualification scheme (including certification number where applicable) and inspection company.
- Date of examination

5.4.2 Example: Radiographic Reporting Criteria

Prior to RT, a technique sheet shall be created that shall include the following as a minimum:

- Part number, revision level and description
- Identification of the procedure / specification used including revision level and acceptance criteria
- Scope of examination
- Radiograph identification
- Location marker placement
- X-Ray voltage or isotope used
- Source size / focal spot size
- Base material type and thickness, weld thickness, weld reinforcement thickness, as applicable.
- Source-to-object distance
- Source-to-film distance
- Sensitivity, geometric un-sharpness and density information
- Film manufacturer and manufacturer's type / designation
- Number of film in each film holder/cassette and screen thickness / material
- Single or double wall exposure
- Single or double wall viewing

Reporting

Following RT, an examination report shall be completed that shall include the following as a minimum:

- Reference to compliant technique sheet
- Unique Report Identifier (e.g. report number)
- Traceability information (e.g. serial number, weld number etc.)
- Quantity of parts examined and coverage
- Listing of each radiograph location
- Evaluation and disposition of the material(s) or weld(s) examined. Traceability code or weld numbers on the RT report and film shall match those provided by the weld supplier.
- Technician's name (certification ID number - if applicable), certification scheme and level.
- Date of examination.

Documentation

The requirements shall be modified to remove / adjust aspects only relevant to conventional film radiography and amended / replaced with the following:

- Detector manufacturer, designation, and serial number.
- Image acquisition (digitizing) equipment and manufacturer, model, and serial number.
- Imaging software version and revision.
- The min./max. travel speed of the detector, source of radiation, and/or test object
- Underperforming pixel evaluation for each image
- Computer monitor resolution
- Numerical values of the final image processing parameters, to include filters, window (contrast), and level (brightness) for each view.

5.4.3 Example: Magnetic Particle Reporting Criteria

Items for Accuracy

1. Part Number and Revision level
2. Traceability (ref. Section 4.2) and / or weld identification
3. TechnipFMC Specification/Procedure (including Revision Level)
4. Quantity Examined
5. Results of Examination indicating acceptance, rejection or additional recommended tests.

Items for Reporting

Following MT, an examination report shall be completed that shall include the following as a minimum:

- Unique Report Identifier (e.g. report number)
- Part number, revision level and description
- Identification of the procedure / specification used including revision level and acceptance criteria
- Traceability information (e.g. serial number etc.)
- Quantity of parts examined and coverage.
- Condition and stage of manufacture (i.e. as forged, as cast, as welded, machined etc.)
- Type, form of magnetic particles (e.g. dry / wet / fluorescent / colour contrast). Including manufacturer (e.g. Magnaflux / Ardrox etc.) and consumable name (e.g. 14 A Aqua-Glo / Lumor J (HF) etc.) and carrier fluid where applicable.
- Examination equipment and parameters used for examination (yoke / bench / coil, light intensity information, current type and amperage / amp turns, particle concentration etc.)
- Results of examination - Reports for rejected items shall include reject location and size along with a sketch where necessary (for clarity) to show approximate location and size.
- Technician's name (certification ID number - if applicable), certification scheme and level If applicable, witness name, organization and date.
- Date of examination.

5.4.4 Example: Liquid Penetrant Reporting Criteria

Items for Accuracy

1. Part Number and Revision level
2. Traceability (ref. Section 4.2) and / or weld identification
3. TechnipFMC Specification/Procedure (including Revision Level)
4. Quantity examined
5. Results of examination (rejectable indications, location and size)

Items for Reporting

Following PT, an examination report shall be completed that shall include the following as a minimum:

- Unique Report Identifier (e.g. report number)
- Part number, revision level and description
- Identification of the procedure / specification used including revision level and acceptance criteria
- Traceability information (e.g. serial number etc.)
- Quantity of parts examined and coverage.
- Condition and stage of manufacture (i.e. as forged, as cast, as welded, machined etc.)
- Type, method and form of penetrant, developer and remover. Including manufacturer (e.g. Magnaflux / Ardrox etc.) and consumable name (e.g. SKL-SP2 / 996PB etc.)
- Examination parameters used for examination (light intensity information, dwell times, temperatures etc.)
- Results of examination - Reports for rejected items shall include reject location and size along with a sketch where necessary (for clarity) to show approximate location and size.
- Extent of PT examination on the accessible ID areas, shall be specified in the report. Any restriction shall be reported.
- Technician's name (certification ID number - if applicable), certification scheme and level
- If applicable, witness name, organization, and date.
- Date of examination.

5.4.5 Example: Phased Array Ultrasonic Testing (PAUT) Reporting Criteria

Items for Accuracy

1. Part Number and Revision Level
2. Traceability (ref. Section 4.2) and / or weld identification
3. TechnipFMC Work/Service Order Number & PO Number and Line Item Number
4. TechnipFMC Specification/Procedure (including Revision Level)
5. Inspection procedure number and revision level
6. Quantity Examined
7. Results of examination: rejectable, and recordable indications, location, depth, and size

Items for Reporting

Following UT, an examination report shall be completed that shall include the following as a minimum:

- Unique Report Identifier (e.g. report number)
- Part number, revision level and description
- Identification of the procedure / specification used including revision level and acceptance criteria
- Traceability information (e.g. serial number, weld identification etc.)
- Quantity of parts examined and coverage
- Condition and stage of manufacture (i.e. as forged, as cast, as welded, machined etc.)
- Ultrasonic instrument identification (including serial number)
- Search unit identification (including serial number, frequency, size, cable length)
- Couplant used (brand and / or type)
- Special equipment, when used (search units, wedges, shoes, automatic scanning equipment, recording equipment, etc.)
- Computerized program identification and revision (where applicable)
- Traceability to set-up and data files (e.g. file name)
- Calibration / Reference block identification
- Simulation block(s) and electronic simulator(s) identification (where applicable)
- Instrument reference level gain and, if used, damping and reject setting(s)
- Calibration data (including reference reflector(s), indication amplitude(s), dead zone, equipment verification and distance reading(s))
- Data correlating simulation block(s) and electronic simulator(s), when used with initial calibration (where applicable)
- Identification of material or volume scanned, surface(s) from which examination was conducted, including surface condition
- Results of examination including map or record of rejectable and recordable indications detected (including dimensions and characterization where possible) or areas cleared, scan used for detection, this shall include areas of restricted access or inaccessible areas
- Data files
- Examination personnel identity, qualification level, qualification scheme (including certification number where applicable) and inspection company.
- Date of examination

Note: ***The supplier is required to upload the PAUT report and NDE data files to the designated SharePoint folder. For access to this SharePoint location, please contact your assigned SQE.***

5.5 Example: Welding Reporting Criteria

Welding shall be performed as per the respective specifications' requirements, Engineering Notes on the Part Report, or Welding Procedures, which are approved by TechnipFMC prior to the use.

Items for Accuracy

1. Part Number and Revision level
2. Traceability (ref. Section 4.2)
3. Weld identification

Items for Reporting

1. Date of Welding
2. WPS identification
3. Welder identification
4. Base material identification (MTRs or COC)
5. Weld material identification (MTR or COC)
6. Weld Repair (if applicable)
7. References to critical examinations and other required tests

5.6 Example: Clad Thickness Reporting Criteria

Clad Thickness is a report provided by Supplier to TechnipFMC showing the dimensional measurements of weld clad overlay. Supplier shall provide the Clad Thickness in the supplier document whenever required in the specifications' requirements on the Part Report (i.e. Q01113).

The Supplier shall document all the requirements stated in the required specification. Below are the parameters that may be reported on Clad Thickness report issued by Supplier to TechnipFMC. Please refer to TechnipFMC Part Report for specific reporting requirements.

Clad thickness report can be reported as an individual report, or within the dimensional inspection report and documented by notation as accepted for thickness and concentricity.

Items for Accuracy

1. Part Number and Revision level
2. Traceability (ref. Section 4.2) and / or weld identification
3. TechnipFMC Specification/Procedure (including Revision Level)
4. Acceptance or Rejection Notation

Items for Reporting

1. TechnipFMC Part description
2. Date of Inspection
3. NDE technician's name type of certification, Level (if required)

5.7 Example: Hardness Report Reporting Criteria

Hardness Testing shall be performed as per the respective specifications' requirements, Engineering Notes on the Part Report, and component drawings.

There are several specifications that define the requirements to be verified. Examples appear below:

Please refer to TechnipFMC Part Report for specification requirements.

Q03009 – This specification requires the part's hardness to be verified and acceptance of the hardness values be documented in the form of report.

Q03006 – This specification defines the frequency and location identification where hardness tests are to be performed.

Items for Accuracy

1. Part Number and Revision level
2. Traceability (ref. Section 4.2)
3. TechnipFMC Specification/Procedure (including Revision Level)
4. Quantity Tested
5. Results

Items for Reporting

1. ASTM Hardness Test Specification that was used
2. Technician Signature and Date
3. Supplier's Quality Representative Name

5.8 Example: Dimensional Inspection Reporting Criteria

There are several specifications that require dimensions to be verified. Examples appear below: Please refer to

TechnipFMC Part Report for specification requirements.

Q00403 – This specification requires the part's dimensions to be verified and acceptance of the dimensions be documented in the form of report.

Q00405 – In addition to the information required for Q00403, this specification requires 100% documentation of actual dimensions.

Q00406 - This specification requires that the part's dimensions be verified using a Coordinate Measuring Machine (CMM) and/or Comparator. This specification requires a report to be provided for 100% of actual dimensions.

If multiple dimensions are called out for, please ensure there is a result for each of the values. Putting a multiplier next to a single value causes issues around the review. Further, if a specific value is required to be confirmed, it is preferred to document the value in lieu of simply recording a check mark or 'OK'.

Items for Accuracy

1. Part Number and Revision level
2. Traceability (ref. Section 4.2)
3. Acceptance or Rejection of dimensions based on tolerances
4. TechnipFMC Specification/Procedure (including Revision Level)
5. Acceptance of Clad Thickness Notation (ref. Section 5.6)
6. As-Built dimensional report (if applicable). The actual as-built dimensions/geometric tolerances/other requirements which are denoted as [2D]/[3D] on drawing shall be reported in the form of a dimensional report.

Items for Reporting

1. TechnipFMC Part Description
2. Inspector Signature and Date
3. Customer Witness Name and Date (if applicable)

5.9 Example: Coating Reporting Criteria

Coating shall be performed as per the respective specifications' requirements, Engineering Notes on the Part Report, and component drawings.

Coating specifications do not always call for a document requirement. Please refer to TechnipFMC Part Report for specification requirements.

Items for Accuracy

1. Part Number and Revision level
2. TechnipFMC Work/Service Order Number & PO Number and Line Item Number
3. TechnipFMC Specification/Procedure (including Revision Level)
4. Traceability (ref. Section 4.2)

Items for Reporting

1. Environmental Conditions – [Operation Performed, Time / Date and Values of Each Coat, Air Temp, Surface Temp, % Relative Humidity, Dew Point]
2. Solvent Cleaner Type and Application Method
3. Blast Air Cleanliness/Blotter Test Results, Blast Media Type and Size,
4. Surface Anchor Profile Test Results & Equipment (Type, Model, Traceability, Average Reading of the Part and the Coupon)
5. Cleanliness Verification Acceptance / Rejection (ISO 8501-1 SA 3 / SSPC SP5 / NACE #1, ISO 8501-1 SA 2.5 / SSPC SP10 / NACE #2, etc.)
6. Name & Type of Coating and Thinner Manufacturer & Batch Numbers per Coat
7. Inspection Results (Visual, Dry Film Thickness, Holiday, Adhesion, Final Average DFT, Actual Readings)
8. Degreasing Method Used
9. Technician Name and Certification Type and Level.

5.10 Example: Lifting Part Certification Reporting Criteria

Please refer to TechnipFMC Part Report for specification requirements.

A Declaration of Conformity is required for all loose lifting gear shipped to the European Union. It is preferred as standard, but for applications outside the EU, a Certificate of Compliance may be substituted.

A Declaration of Conformity is required for all loose lifting gear shipped to Australia.

Items for Accuracy

1. Proof Test Certificate/Report
2. Declaration of Conformity per Directive 2006/42/EC
3. NDE Report for Surface NDE after proof load testing (if applicable)

Items for Reporting

1. Material/Test Certificates for components*
2. Traceability (ref. Section 4.2)*
3. Design Calculation*
4. User Instruction*
5. Transport and Handling Instruction (THI – if applicable)

*This document is to be retained by Supplier and only required to be submitted to FMC upon request. Please refer to FMC Part Report for specification requirements.

5.11 Example: Assemblies Reporting Criteria

ASYs, FATs, MCRs, and TSTs are examples of procedures provided in the Part Report requiring further steps after manufacturing. These are traditionally found in the "Documents List" section of the TechnipFMC Part Report.

As the application of these procedures is variable, the purchase order should identify if the assembly/inspection/test is being done or by Supplier, by TechnipFMC upon receipt of the finished good(s) from Supplier.

Items for Accuracy

1. Part Number and Revision level
2. Traceability (ref. Section 4.2)
3. TechnipFMC Work/Service Order Number & PO Number and Line Item Number

Items for Reporting

1. Inspector Signature and Date
2. All blanks must be populated. If the action requiring a signature or value is not applicable, please mark the blank with 'NA' to avoid confusion by the reviewer.

5.12 Example: Seals Reporting Criteria

Please refer to TechnipFMC Part Report for specification requirements

5.12.1 Non-metallic seals

Items for Accuracy

1. TechnipFMC Part Number and Revision level
2. TechnipFMC Work/Service Order Number & PO Number and Line Item Number
3. Traceability (ref. Section 4.2)
4. Quarter and year of cure date (for example 3Q04)
5. Shelf life (50% of shelf life remaining)
6. TechnipFMC Material Specification Number

Items for Reporting

1. Manufacturer's Identity (Name, Address, etc.)
2. Manufacturer's Part Number
3. Manufacturer's compound number
4. Manufacturer's material specification number (if different from compound number)
5. Conformance statement affirming that the deliverable has met the specifications required by the TechnipFMC Part Report

5.12.2 Metallic seals

Items for Accuracy

1. COC (ref. Section 5.1)
2. Material Certifications (ref. Section 5.3)
3. Hardness Test Report (ref. Section 5.7)
4. Dimensional Verification Report (ref. Section 5.8)

5.13 Example: PMI Reporting Criteria

Items for Accuracy

1. TechnipFMC Work/Service Order Number & PO Number and Line Item Number
2. TechnipFMC Assembly or Product Part Number and Revision level
3. Traceability (ref. Section 4.2)
4. Location of where test was taken on weld/material
5. Weld numbers for weld caps that are inspected (if applicable)
6. Batch size(s) and quantity of parts examined for each batch
7. TechnipFMC Specification/Procedure (including Revision Level)
8. Material grade(s) tested (in generic term e.g. Alloy 625, SS Type 316, etc)
9. Results of Inspection for each batch/item (Accept/Reject)

Items for Reporting

1. Date of PMI test
2. PMI Technician Name
3. PMI chemistry reading output for each item inspected
4. Analyzer Used
5. Analyzer Serial Number
6. Calibration Standard Grade(s) and Serial Number(s)
7. Physical location of testing (e.g. receiving inspection, Supplier/Subcontractor, etc.)
8. Description of Material Marking
9. Method of testing (XRF)
10. Discrepancies (type and quantity)
11. Date and signature of the PMI Inspector

5.14 Example: Weight Certificate Reporting Criteria

Weight certificate provides the calculated weight details of the component.

Items for Accuracy

1. Part Number and Revision level
2. TechnipFMC Work/Service Order Number & PO Number and Line Item Number
3. Traceability (ref. Section 4.2)
4. Weight Data

Items for Reporting

1. Date of Inspection
2. Name and Signature of Technician
3. Additional Information / Remarks
4. Weighing Equipment Details
5. Customer Witness Name and Date (if applicable)

6. DOCUMENT REVISION CHANGE HISTORY

Change Title	Revision to GSD-21-0024				
Document Number	GSD-21-0024	**Date**	April 2026	**Revision**	1
Revision Details	Refer to Description of Change below.				

1.0 DESCRIPTION OF CHANGE

Revision 1 was released to correct Section 4.4 to address “ATS Form” and clarify approval must be prior to shipment/delivery and introduces the “45 day to PO delivery date” submission rule with automatic rejection or ECM blocking outside the window.

Revision 0 and Revision 1 Summary of changes to the Authorization to Ship (ATS) User Guide for Suppliers (SAP) are shown in the below table:

Section	Change Details
4.1 Process Workflow	4.1 Updated process flow. 4.1.1 Supplier–submit manufacturing records: references GSD-21-0004, submission channels Manufacturing Supplier Portal (ECM), ECM help mailbox, Updated definition of traceable part. Populate Drop shipment location in ATS. 4.1.2 Points to be considered: mandate strike-off/“N/A” for blanks; reference GSD-21-0009 for doc mgmt; avoid extra/unrequired docs; All Suppliers and Subcontractors performing Special Processes shall be formally qualified by TechnipFMC Subject Matter Experts (SME), prior to performing such processes. 4.1.3 Close QNs before ATS approval (exceptions noted). 48-hour return cycle for rejections. 4.1.4 Surveillance activities: Set-out ritual & stamping; definitions and handling of W (Witness) and H (Hold) points; waiver if Hold stamp absent. 4.1.5 PBATS & CTO PBATS: criteria (GQSL, 12-month SAP registration, ≥30 ATS in 6 months, ≥95% FPY, ≤5% non-critical rejections), benefits (auto-approval), disqualification reasons, and ECM redesign for CTO auto-approve. 4.1.6 ATS Waiver Process: reasons (quality/planning/urgent/late buy/parallel ship to avoid line stop), SQM authorization, Buyer-driven signature & submission to ATS Box. 4.1.7 Sub-contracting PO w/TechnipFMC provided parts Traceability Process Requirements
4.2 Traceability Requirements	Serialization: now cites Q03401 or Q03410; explains purpose; retains “reference serial on all documents” Batch management: clarifies that any elastomeric spec with batch requirement triggers it; retains document reference rule.
4.3 eSMDR	Link updated; retains requirement for approval before ATS and to include a copy in the package
4.4 ATS Form	Clarifies approval must be prior to shipment/delivery and introduces the “45-day to PO delivery date” submission rule with automatic rejection or ECM blocking outside the window.
5.4 NDE	UT & PAUT: Minimum content requirements greatly expanded (equipment IDs, software versions, calibration data, data files, coverage, condition/stage, etc.). PAUT now requires upload of data files to SharePoint and to contact SQE for access. RT, MT, PT: Lists clarified and standardized; keep alignment to procedure + acceptance criteria; explicit guidance on third party letterhead retained.