# Process Owner

## Triumph Group Supplier Performance

# Applies To

## Triumph Group Supply Chain Management and Triumph Group companies as noted in the Triumph Group Supplier Quality Assurance Manual (SQAM).

**Note:** Each supplier division/facility receiving DPD approval from Triumph must be audited independently.

# General

## Purpose

#### This procedure provides a standardized approach for performing required DPD assessments/audit activities at suppliers who are provided TGI or customer authority datasets in support of design, manufacture, fabrication of products or tooling and thereby subject to the requirements of SCMP3.7(a).

#### Defines methods that may be employed in the performance of Digital Product Definition System assessments/audits. Triumph Group purchase order/contract requirements will identify the applicability of this procedure.

#### Triumph Group Companies Quality and Procurement Management reserves the right to perform Digital Product Definition System Appraisals as necessary remotely or at the supplier facility(ies).

## Scope

#### Supplier who receive fully dimensioned drawings or derivative datasets this process does not apply. This includes suppliers who receive authority datasets as an “aid” for NC programming or CMS programming given the requirements to measure and record results to the released fully dimensioned drawings or derivative datasets.

# Reference Documents

SCMP 3.1 - Supplier Applications

SCMP 3.7(a) - Supplier Quality Requirements for Control and Use of Digital Product Definition/Model Based Definition

SQR 3.7 - Supplier Quality Requirements for Control and Use of Digital Data

SQAM001 – Triumph Supplier Quality Assurance Manual

TSCMT 3.9 - Add New Appraisal to Profile

# Definitions and Acronyms

|  |  |
| --- | --- |
| Company ASL | Triumph Group site Approved Supplier List. The company Approved Supplier List is a subset of the Triumph Group Approved Supplier List |
| CMS (CAI/CAM/CMM) | Coordinate Measurement Systems - Also known as Computer Aided Inspection (CAI) and Computer Aided Measurement Systems (CAMS). Measurement equipment such as Coordinate Measuring Machines (CMM), Portable Coordinate Measurement Machine (PCMM), Laser Tracker, Laser Radar, Photogrammetry and numerical controlled machinery which are used to support inspection activity |
| DPD | Digital Product Definition- The electronic data elements that specify the 3-D Computer Aided Design (CAD) geometry and all design requirements for a product (including notation and parts lists), and the use of this data throughout an integrated CAC/Computer Aided Manufacturing (CAM) and Coordinate Measurement Systems (CMS). |
| PO | Purchase Order |
| Supplier Assessment/Audit | A formal documented activity performed at a Supplier’s facility or remotely by Triumph personnel or authorized third party service provider in order to assess compliance with targeted systems and measures of performance prior to addition to the Triumph Group Approved Supplier List. |
| Triumph Group ASL | Triumph Group Approved Supplier List |
| Triumph Group Site | A Triumph Company Location |
| [triumphsupplysource.com](http://www.triumphsupplysource.com/) | Triumph Supplier Portal. Website that houses the Triumph Group approved supplier list, supplier performance and supplier requirements. Often referred to as “the system” or “the portal” |

# Responsibilities

## Responsibilities are defined in the body of this procedure

# Procedure

## Accessing the Electronic Forms

#### Master copies of SCMP3.7 required documents are located on [triumphsupplysource.com](http://www.triumphsupplysource.com). To avoid revision control issues, they are to be downloaded prior to each use and not stored on individual computers.

#### The forms used for supplier DPD assessments are MS Word® based and are not to be modified.

#### Suppliers may be provided copies of the supplier DPD assessment for preparatory purposes.

## Supplier DPD assessment/audit can be performed as:

#### Part of a suppliers initial application approval process,

##### When it is determined that a new Triumph Group Inc. supplier requires DPD approval, the DPD assessment shall be performed in accordance with this procedure, SCMP 3.1, Supplier Applications. Associated DPD Forms may be modified to account for additional TG-Site needs, changes will be maintained, as appropriate by the TG-Site QMS.

#### An expansion of existing scope to an existing approved supplier,

##### When it is determined that due to the expansion of an existing Triumph suppliers work scope to include DPD data handling, a DPD approval assessment is required

#### Part of an existing suppliers sustaining DPD approval

##### Sustaining approval includes the required reassessment per the allotted time requirements or upon receipt of notification from suppliers regarding changes in command media, hardware/software and/or inspection equipment. Triumph Group companies shall perform an analysis to determine what, if any, actions are required up to and including onsite assessment/audit.

## The Triumph Group Site requiring the supplier DPD approval shall be responsible for:

#### Determining the requirement for DPD approval

#### Coordinate with supplier for audit scheduling.

#### Coordinate with 3rd party service provider as applicable when the assessment will not be performed by Triumph

## Site SQE shall be responsible for:

#### Assignment of audit to Triumph group qualified auditor or authorized third party agency

## Assigned auditor shall be responsible for:

#### Providing the DPD assessment/audit tools to the supplier prior to the start of the activity

#### Performing the assessment/audit (Remote or On-site)

#### Upon completion of the DPD audit, communicating the results to the authorized site SQE for review.

## Based on audit results the following actions shall be taken:

#### If results are satisfactory, the site SQE shall update supplier profile in accordance with TSCMT 3.9 and note next audit due date in the TGI supplier portal. A full reassessment/audit is required at minimum once within the suppliers QMS reaccreditation cycle and not to exceed (5) years.

#### If results are unsatisfactory, the designated assessor/auditor shall raise the required finding(s) of nonconformance and associated Corrective Action request(s) and shall coordinate with the using site(s) to determine a corrective action and closure plan and update supplier profile as follows:

1. Conditionally Approved – Only allowed when findings of nonconformance are minor and can be corrected within 30 calendar days
2. Not approved – When any major findings of nonconformance are documented or when any finding has potential product impact.

#### Upon satisfactory audit, no findings of nonconformance and/or acceptance of all finding corrective actions post closure, the auditor shall convey the results to the supplier and site SQE.

#### All applicable CMS equipment shall be identified within the approval record and as noted on the supplier’s CMS equipment document. DPD CMS approvals are defined as follows:

1. Approved to receive DPD with no CMS approval
2. Computer Aided Theodolite
3. Laser Tracker
4. Portable CMS e.g. Articulating Arm
5. Laser Radar
6. Other CMS technology

## Inter-Triumph Approval Recognition

#### TGI sites shall recognize DPD assessments/audits initiated by any TGI site. This precludes the need to perform redundant assessments/audits. Where applicable, sites may perform delta assessments/audits if the scope of the assessment/audit on file does not include any unique requirement of the reviewing site.

## Auditor Competency Requirements

#### Assessments/Audits must only be performed by trained and/or approved auditor or approved service provider as identified on [triumphsupplysource.com](http://www.triumphsupplysource.com/).

#### Triumph or 3rd Party Service Provider personnel performing DPD Assessments/Audits shall meet the following requirements:

1. Internally or 3rd Party trained as an Internal Auditor
2. Trained to SCMP3.7 and associated documents
3. Minimum (6) months experience in DPD process
4. Internal Only- Trained to TSCMT3.9

# Appendices and/or Flowcharts

## None

# Required Forms

## Form SCMP 3.7 (a) Supplier Quality Requirements for Control and Use of Digital Product Definition/Model Based Definition

## Form SCMP 3.7 (b) Digital Product Definition / Model Based Definition Checklist

## Form SCMP 3.7 (c) Assessor Task Guide - Digital Product Definition Model Based Definition Checklist

## Form SCMP 3.7 (b) Digital Product Definition / Model Based Definition Checklist

# Training Materials

TSCMT 3.9 - Add New Appraisal to Profile

# Revision History

|  |  |  |
| --- | --- | --- |
| **Revision Level** | **Description of Change** | **Effective Date** |
| Original | New Document | 01 April 2014 |
| A | Revised para. 7.3 to include Corporate Audit Management into the process and use of 3rd Party agency. Changed ref. to Business Unit to Company throughout document. | 17 April 2017 |
| B | Revised para. 761, 7.62, added para 7.63, 7.6.4 and 7.6.5 | 29 September 2017 |
| C | Document Name Update from SCMP 3.7 to SCMP 3.7 (a). Add AS9100 Linkage. Add SCMP 3.7 under reference documents section. Add action for Corporate Supplier Quality Audit Management (CSQAM). Add Conditional Approval requirements under section 7.6. Update Form SCMP 3.7 (b) title to reflect actual document title. Update Process Owner. | 08 October 2018 |
| D | Document number update from SCMP 3.7 (a) to SCMP 3.7. Form SCMP 3.7 (b) update to Form SCMP 3.7 (a). Form SCMP 3.7 (c) update Form to Form SCMP 3.7 (b) Update document title Update Reference Document title from SCMP 3.7 to SQR 3.7. | 12 October 2018 |
| E | Delete section 7.6.7 Eliminate supplier conditional approval | 16 October 2018 |
| F | Sec 7.1.1 deleted: Control Requirements, Assessment and Assessment Guide SQR 3.7, Form SCMP 3.7 (a) and Form SCMP 3.7 (b) & added: SCMP 3.7 required documents  Sec 9.1 chg SCMP 3.7 (a) to SCMP 3.7 (b) Sec 9.2 chg SCMP 3.7 (b) to SCMP 3.7 (c) Sec 10.1 chg SCMP 3.7 (a) to SCMP 3.7 (b) Sec 7.6.4 spelling correction “ae” to “are” | 03 November 2018 |
| G | Replaced/changed corp responsibilities with site. Updated CMM to CMS to align with customer requirements. | 14 January 2022 |

# Approvals (Authorizing Signatures on File)

Triumph Group Supplier Development, Director

Triumph Group Quality Management System, Manager