Quality Plan No. / Revision	**NDE QP-07 / Rev 0**
Purchase Order No.	**Standard Plan- See Purchase Order**
Material Specification No. / Revision	**N/A**

The following Quality Plans are mandatory and are required to be followed with this Quality Plan:

✓ MSF 1.8-1, Calibration Service Quality Plan Requirements

Identify Applicability
(place an X in the appropriate box)

☒	Required procedures are submitted for review by the applicable **CIRCOR** API Manufaturing Location Engineering and/or Quality Departments or by a Subject Matter Expert (SME)
☒	Required procedures are reviewed Onsite by competent **CIRCOR** Supply Chain location personnel
☒	Technical audit
☐	API Specification 6A is applicable
☒	API Specification 6D is applicable

Purchasing agreements shall include the following provisions identified by this Quality Plan.

Only vendors that are in good standing in the Approved Vendors List shall be used. Refer to **MSPM 1.8, Purchasing Control** for other purchasing order requirements that may be required.

1. The vendor is required to submit to **CIRCOR** for review:
    a. A copy approved NDE Procedures for all NDE to be performed
        i. NDE method
        ii. NDE acceptance criteria
    b. The names and NDE Technician will be performing NDE on **CIRCOR** product to the requirements of ASNT-TC-1A including their:
        i. Near distance acuity
        ii. Color contrast
    c. Copies of calibration records for NDE equipment
2. NDE procedures shall be reviewed and approved by an NDE Level III in the applicable NDE method

3. The vendor shall submit any proposed changes to NDE procedures for **CIRCOR** review prior to using it on **CIRCOR** orders when changes are proposed.

4. The vendor shall provide a Certificate of Conformance(s) to document:

    a. The vendor's NDE procedure number and revision level;

    b. NDE operator and evidence of meeting experience requirements

    c. Inspection equipment current calibration (traceable to NIST or equivalent national or international standard).

5. The following NDE records are required:

    a. Reports for the NDE results

    b. Report sign-off by an NDE Level II, at a minimum

6. Conformance to the requirements stated herein provides sufficient evidence of equipment approval.

7. The vendor shall not subcontract the performance of any NDE activities to a sub-vendor without **CIRCOR** approval.

8. The vendor shall notify **CIRCOR** if any portions of the activities covered by this PO are going to be subcontracted.

CIRCOR NDE Quality Plan Requirements					Rev 1
TIER #	TIER	Program	Policy	Program Code	Page
4	MSF	Q	0.1-2	1.8-7	3 of 3

Quality Plan Requred Documentation - NDE			
Quality Plan Referece Requirement	**What is required?**	**Circor Review Required**	
		Yes	No
1a	NDE Procedures for each NDE Method	X	
1b	Personnel Qualification Records	X	
4	Certificate of Conformance	X	
5a	NDE Results	X	
5b	NDE Results sign off by an NDE Level II minimum	X	
Attachment I	Including records specified by MSF 2.3.1-1, Supplier Documentation Requirements for this Quality Plan	X	

CIRCOR Supply Chain Location Approval Mike Evans 2/28/18

Signature *Date*

CIRCOR API Manufacturing Site Approval Carol Gattillo 2/28/2018

Signature *Date*

CIRCOR API Manufacturing Site Approval T. Millstead 2/28/18

Signature *Date*