



GO BEYOND

# QUALITY BULLETIN

Published by Pratt & Whitney Company in Poland

## Dear Suppliers,

This Quality Bulletin is issued based on Eagle Eye for P&W suppliers to re-highlight the need for a robust TPM (Total Productive Maintenance) system and importance of Tooling/Fixturing used for product acceptance

To proactively prevent against escapes for large quantities of parts that are produced using tools/machines, the following should occur:

1. The implementation of a global company wide TPM system and policy
2. Education and training for all employees to understand the importance and implement this system/policy
3. Employees actively implementing the system and policy
4. Regular internal reviews/audits to ensure the active implementation is occurring correctly
5. Regular updates to the TPM system and policy based on lessons learned

The TPM system and policy should be a well-documented Standard Work and not a “tribal knowledge” setup that can be dependent on specific employees. Additionally, it should be globally communicated so all employees know how to access it and its importance. Lastly, the TPM should be a living document that should be followed on a daily basis and updated based on lessons learned to continually proactively fight against tool/machine wear escapes.

While the cost of TPM may seem large upfront, this cost is negligible compared to the cost of reactively dealing with the escapes that would occur if the system/policy were not followed.

### **Tooling/Fixturing used for product acceptance**

Tools/Fixtures used to for product acceptance are considered MT&E and shall be included in the Organization’s gage calibration system in order to control the accuracy of the measuring and test equipment. Tool/Fixture control process would include an inspection that validates the datum against the product definition.

### **Tooling/Fixturing used to constrain or hold product for Measurement**

When tooling/Fixturing is used to constrain or hold a part for product acceptance inspection that impacts the direct measurement, the tooling should be maintained to ensure the accuracy of the measurement. A Total Productive Maintenance (TPM) program is recommended for maintaining shop tools and equipment. Tooling/Fixturing should be handled like inspection equipment including precautions against handling damage and FOD.

In a case of any questions please send your reply to received Bulletin email address.

SQA Group of P&W Poland Company.

**No. 114**

Export Classification: No technical data

**Date: 20 April 2022**