

A thick black L-shaped frame is positioned on the left and bottom edges of the slide, framing the central text.

# GROUP 1 MACHINE PRODUCERS

EASA Meeting June 28 / 29 2018

# 5 1/2 Topics Relevant

What?	Group 1 Comments	Group 2 (TCH) Match/Comments
Change management	How to manage any hardware and software changes that are made to the machine / process	Configuration Management of the machine and its impact on the TCH change management
Machine capability and consistency test	Repeatable coupon level baseline test	Matches Baseline Standard for machine qualification and acceptance tests.
Certification training		Training on Regulatory Processes of machine providers
Machine / process training	Two parts - precompetitive and competitive.	
Key Process and Machine parameter definition	Standard list, with guide as to why each is important	Subtopic of machine capability and consistency test
Quality reports	Standard customizable ways to issue a report that a particular build is OK	subtopic of process monitoring and Key process and machine parameter definition

# How?

What?	How?	Question for today
Change management	P or D FMEA by machine manufacturers of the impact - how does the change affect the baseline performance. No industry standard is needed. This topic needs to be part of the overall certification training below.	Is an industry standard needed? How to move forward?
Machine capability and consistency test	Industry standard needed. Check if activity already exists, if not, start one	How to move forward?
Certification training	Awareness overview from TCH and regulators. Including understanding of how our systems and subsystems (e.g. powder handling methods) affect airworthiness.	How to move forward?
Machine / process training	Pre-competitive part - LTTS training programs	Who to deliver? POA? Independent 3rd parties? How to move forward?
Key Process and Machine parameter definition	AMS7003 list already exists. ISO52944 in progress, to be accepted or not in Singapore in September	Who will assess if current activities meet the intent?
Quality reports	commercial / competitive activity?	Is an industry standard needed?

# Priority

What?	Impact	Difficulty	Priority for us
Change management	H	M/H	H
Machine capability and consistency test	H	M	H
Certification training	H	L	H
Machine / process training	M	L	H
Key Process and Machine parameter definition	M	L	L
Quality reports	H	L	M

# Five Other Topics Considered

Process / in-situ monitoring	Commercial/competitive activity	Nothing needed - commercial activity
Terminology	Clear terminology for all parties (e.g. Service Bulletin, defect)	Included in Certification training line item above
Machine requalification test	Part of change management - verification that any changes / repairs / recalibrations are validated	Included in change management
Maintenance and calibration procedures	Not sure if anything is needed here	Nothing needed - commercial activity
Powder management		Nothing needed - commercial activity

# Other Comments

- Thank you for organizing this meeting!!
- For the next meeting, we'd like to invite:
  - *Powder producers*
  - *Software providers*
  - *Ancillary process providers*