

EFCOG Supply Chain Quality Community of Practice (CoP) Conference Call Minutes



August 20, 2025

Attendance for Today: **32**

red font = new information or action items/green font = reminders

Topic/Slide(s)		Meeting Updates/Notes
Guest Speaker	David Moore, Sandia dgmoore@sandia.gov	Characterization of Additive Manufacturing Samples with Mechanical and Nondestructive Testing—Lessons Learned **Thank you so much for your presentation! It was very informative. If anyone has any additional questions, please reach out to David directly **
<p>Discussion/Questions:</p> <p>What application can the AM be used for? AM has many applications. Most companies use machines to produce either polymer or metal parts.</p> <p>Does the high porosity also lead to high corrosion and a shorter life cycle? Some materials might corrode. Stainless steels are design to not develop corrosion by products. If tool steels are created using AM techniques then a surface treatment must be applied to the parts.</p> <p>Also have you experimented with multiple types of AM such melting vs sintered vs chemical binding? Yes sintering is used on ceramic parts. They are hard to print and maintain the correct shape. Chemical binding is complete when a polymer melts and is deposited on a build plate.</p> <p>For vendors that have CT machines. How do you validate the technique? They perform a ball calibration every morning. You can buy sapphire diameter placed on the rod and you can actually measure from a metrology standpoint to see how it behaves. Another thing you can do is use an old ASTM line pair. It is placed in the field of view. This will allow you to document how accurate the measurement is.</p>		
Upcoming Conferences and Workshops - Slide 4 - **Please reference slides for information**		

Current Tasks – Start Slide 7 - ****Please reference slides for information****

Current Tasks - Slide 17 – MSL and Sharing Documents

Additional Information

Where is the site for supplier assessment scheduling shown on slide 23?

This schedule is within MSL. If you go to the Site Viewer page, click on the button 'assessment schedule', it will filter the records that have been entered by sites with the status of 'Scheduled' with future dates. This will allow you to see what assessments are coming up.

**** All reference links are now in the help section of MSL. Please download and retain a copy for your records. ****