



Development of Mission-Specific Corrosion Prevention & Control (CPC) Program Execution Best Practices

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Project Overview

- The Objective
 - Develop Corrosion Prevention and Control Program Execution Guidance (CPCPEG) based on “Proven Best Practices”
 - Develop a resource for use by all weapon system Corrosion Program (CP) Managers in Operations and Sustainment (O&S) for developing or updating their CPC Plan or CPC planning
- Requirements
 - Review all DoD policy, guidance and standards on Corrosion Prevention and Control planning
 - Review and compile pertinent CPC Plans and other information required for CPC planning
 - Meet with various Corrosion Program Managers to discuss their CPC Plans and Input Into the CPCPEG.

Project Overview cont.

- Requirements cont.
 - Perform On-site interviews of select Program Offices to document execution of programs, methodologies and successes and their CPC Plan.
 - Prepare survey of CPC Planning for SPO Corrosion Program Managers
 - Develop a matrix establishing the types of resources required to effectively execute a CPCP Plan
 - Prepare recommended CPCPEG

Our Progress

- Initial Assessment
 - DoD Document Review accomplished on all Corrosion Prevention and Control Policy and Mil Std's
 - Created a waterfall of policy guidance
 - MIL-STD-1530D requires all Air Force aircraft weapon systems have a CPC Plan as part of ASIP
 - Review and findings suggest that additional guidance addressing CPC in O&S can be beneficial
 - Recommending CPC Plan elements that speak more specifically to O&S CP Program requirements for operational weapon system

Our Progress cont.

- Reviewed Air Force weapon system CPC Plans
 - Met and interviewed 13 aircraft system CP Managers – all located at ALC bases
 - Reviewed the CPC Plans for 16 aircraft systems
 - Compiled a data base from the CPC Plans
 - Prepared a survey based on a compilation of all CPC Plan's
 - Distributed to weapon system CP Managers to provide their assessment of the plan requirements
 - Compiling database from all survey results

Our Progress cont.

- Developed a process for assessing and determining “Best Practices”
 - Considers all of the research and vetting accomplished
 - Developed a methodology for evaluation to identify Best Practices
- Developed survey on how CPC Program requirements are resourced in O&S
 - Assessing survey results on how the different CPC program element requirements are resourced

Expected Outcomes

- Identify the Best Corrosion Prevention and Control Practices – Benefiting All Services
 - Develop in format used by the *DoD Corrosion Prevention and Control Planning Guidebook for Military Systems and Equipment*
 - Aid in identifying and compiling proven successful program elements, resources and methodologies associated with technical/engineering and management functions.
 - Provide Managers with proven elements for successful CPC planning or CPC Plan
 - Provide Matrixes for funding, resources required based on the CPC Program functional requirements
 - Provide results of assessing contractual requirements for CPC Programs