

Dear Suppliers,

Due to latest Escape related to missing inspection of white layer after nitriding process on parts manufactured by one of our supplier, we would like to remind you that you are obligated to perform periodical inspection of white layer after machining operation.

Please review your production as per subjected requirement and inform PWR Supplier Quality Department in case of nonconformance.

Requirements:

1. Drawing Note that prohibits the presents of white layer on the part.
2. PWA 300 specification referred to F40 requirement which obligate to inspect white layer in following cases:
 - 1) New development,
 - 2) If production is on hold more than one year,
 - 3) One per year.

F-40 Table 1 row 7:

Case Hardened ACTUAL FINISH GROUND PART	Any applicable temperature	First time processed per part number/supplier combination or if part is inactive for 1 year and yearly thereafter	Carburized -- E-13, E-1110, K-4 Nitrided -- E-15, K-5 Including a nital etch to verify the part is carburized only in areas allowed by drawing.
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White layer test should be performed by approved LCS lab – Appendix 56. In case of performing tests in unapproved lab, please raise a SRFI request (Appendix #1 to Instruction 150) with question what type of sample needs to be included in the shipment.