

TURBINE PLATFORM REPAIR USING LASER CLAD

ABSTRACT OF THE DISCLOSURE

A method of restoring a gas turbine engine component includes removing a defect section of a turbine engine component according to a template. The template has a standardized shape and is used in a standardized location on the turbine engine component. The template is produced based upon common defect sections from other turbine engine components. A laser cladding is used to build a replacement section in place of the defect section. Thus, the turbine engine component is restored to near its original shape.

Figure 4