

The Propulsion Environmental Working Group (PEWG) Influences Environmental Operations & Compliance Strategies At Industrial Sources & Federal Facilities

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The PEWG influences environmental operations and compliance strategies by implementing pollution prevention (P2) initiatives at federal facilities and coordinating similar efforts at industrial sources. It sets an example for government and industry cooperation by exploiting opportunities to achieve environmental excellence in the manufacturing, maintenance and rework of gas turbine engine (GTE) propulsion systems. PEWG industry members include environmental executives and material process engineers from major engine manufacturers (GE Aircraft Engines, Honeywell Engine & Services, Pratt & Whitney, Rolls-Royce Corporation, and Williams International). Military members include acquisition and logistics representatives of Army and Air Force Material Commands, Naval Air and Sea Systems Commands, and the Defense Contract Management Agency (DCMA).

Main activities of the PEWG involve exchange of information about “green” technology advances, joint assessments of environmental issues and technology opportunities, and execution of joint projects to demonstrate and validate environmentally superior materials and/or process technologies. The resources to carry out these activities are contributed by the participating members. The focus of the PEWG joint projects is to take technologies and apply them to solve issues of common environmental and readiness concerns. The PEWG currently has 14 projects ongoing for FY01. The PEWG strives to carefully balance internal and external technology resources and voluntary and contracted effort to obtain maximum value. It is positioned to promote environmental initiatives faster, cheaper and with a better technology because of leveraged activities engaging the majority of the military propulsion community. The forte of the PEWG is the introduction of cleaner materials and processes everywhere in the propulsion industrial base in one fell swoop. This paper will discuss the PEWG and how it works, and give an overview of current and future projects.

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