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## **Review of Green and Environmental Conscious Manufacturing and Design Techniques**

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**Abstract:** Industry is beginning to realize the negative impact that they have on the environment in terms of greenhouse gas emissions, destruction of natural habitats, hazardous waste emissions, etc. This new found consciousness has prompted a second look on part of the manufactures at how modern manufacturing practices can be modified so as to be more environmentally friendly. Environmental impact of manufacturing can be minimized in various ways. Management is often called upon to provide active leadership in managing their facilities so as to minimize their environmental impact. Some examples of such activities include green supply chains and design for disassembly. Similarly using design for manufacturability principles aid in the minimization of raw material used and waste generated as well. Also, facilities are now using proactive and value seeking approaches where the environmental issues are dealt with before they are created. This paper presents an overview of environment conscious manufacturing practices.

*Keywords:* Environment Conscious Manufacturing, Facilities, Green Supply Chains