

# Waste Management System into the Thermal Power Plants

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## Abstract

The work shows a Waste Management System (WMS) for Thermal Power Plants (named NOVA – WMS), which had been drafted in accordance with the Environmental Management System recommended by the international standard ISO 14001:2004. For the WMS implementation into Braila Thermal Power Plant (having an installed capacity of 647 MWe), authors have elaborated: - a Waste Management Manual; - an Operational Procedure for non-hazardous wastes; - an Operational Procedure for hazardous wastes; - an application of the software application associated to the WMS. NOVA – WMS and its associated software application (named NOVA–Thermal Power Waste Manager) assure, for any Thermal Power Plant (having different type or capacity), the growths of economic efficiency and the mitigation of negative environmental impacts during the operation and maintenance activities. These things are possible by using a rigorous waste monitoring (from physical, economical and informatical points of view) on the entire flow, from generation up to elimination.

## References:

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