



FULL Cleaner Production ASSESSMENT



Viet Nam Cleaner Production Centre

The purpose of Cleaner Production is to increase efficient utilisation of resources and energy, minimise pollution and simultaneously increase profitability.

The application of this new proactive approach is facilitated through a systematic analysis called Cleaner Production Assessment.

The Viet Nam Cleaner Production Centre is carrying out:

- *Rapid Assessment: 2-3 days*
- *Full Assessment: 20-40 days spread over 6 months to facilitate simultaneous implementation. This includes 4-5 times working at the company and information exchange from our office to your company.*

Fields of application:

- *Production process;*
- *Energy efficiency.*

Cleaner Production can be applied to the whole production or to a specific department.

Contact us for further information on:

- Rapid Cleaner Production Assessment;
- Cleaner Production Investment;
- Cleaner Technology Assessment
- Capacity Building
- Introduction to Cleaner Production.

Why Cleaner Production Assessment?

Enterprises, irrespective of sectors and sizes, should conduct Cleaner Production Assessment if they wish:

- ✓ To minimize waste generation;
- ✓ To improve resource use efficiency increasing profitability;
- ✓ To improve production management systems;
- ✓ To create positive staff attitudes and practices;
- ✓ To re-select materials;
- ✓ To better control the production process;
- ✓ To change technology / modify equipment;
- ✓ To create or maximize usage of by-products;
- ✓ To improve product quality / change product;
- ✓ To improve environmental performance;
- ✓ To build waste treatment systems, eg. a small capacity waste water treatment plant;
- ✓ ... and any other improvement plan.



Cleaner Production Assessment is a detailed systematic analysis of the production line. Cleaner Production options and implementation plans will be developed. Full Assessment answers: WHERE the losses occur; WHY the losses are generated; and HOW to minimize the losses.

What will happen during Assessment?

Together with your company, we will:

- ✓ Build up a Cleaner Production team and introduce Cleaner Production strategy to the management and selected employees;
- ✓ Conduct a detailed review of the production process: data collection, monitoring and measurement to have a baseline of resource utilization, an overview of material and / or energy loss;
- ✓ Generate Cleaner Production options: evaluate waste stream and losses; identify cause and options;
- ✓ Select Cleaner Production options: Study the technical feasibility, economic viability, and environmental acceptance for each option;
- ✓ Develop an action plan for implementation;
- ✓ Develop tools to ensure continuous improvement.

We will send the agenda and requirements to your company one week in advance.

What are the results of the Full Assessment?

- ✓ **Kick-off of Cleaner Production program:** Employees of the enterprise have been introduced to Cleaner Production: what it is; its advantages; its application worldwide and in Viet Nam; and how to start up the program in your company.
- ✓ **Full Assessment Report:** Overview of waste stream and losses; extensive list of cleaner production options; an action plan for implementing feasible options with the view of investment and expected savings; and recommendations for future company initiatives.
- ✓ **On-the-job trained staff:** Training in cleaner production methodology.



Initial conditions

Before Assessment: A company interested in Full Assessment needs to fill in an information form and return it to the Viet Nam Cleaner Production Centre office as requested;

During Cleaner Production Assessment, the company will ensure the:

- ✓ Commitment of management to conduct a Cleaner Production Assessment;
- ✓ Availability of all necessary data related to resource and energy consumption;
- ✓ Presence of at least one key technician for the whole period and the attendance of management at opening and closing meetings;
- ✓ Support of the company's Cleaner Production Team by providing adequate time, authority, and motivation to work with Cleaner Production;

We help you to improve your business!



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