

Chemical Management in Developing Countries: Issues, Constraints and Management tools

By

Dr. Noman Fazal Qadir¹

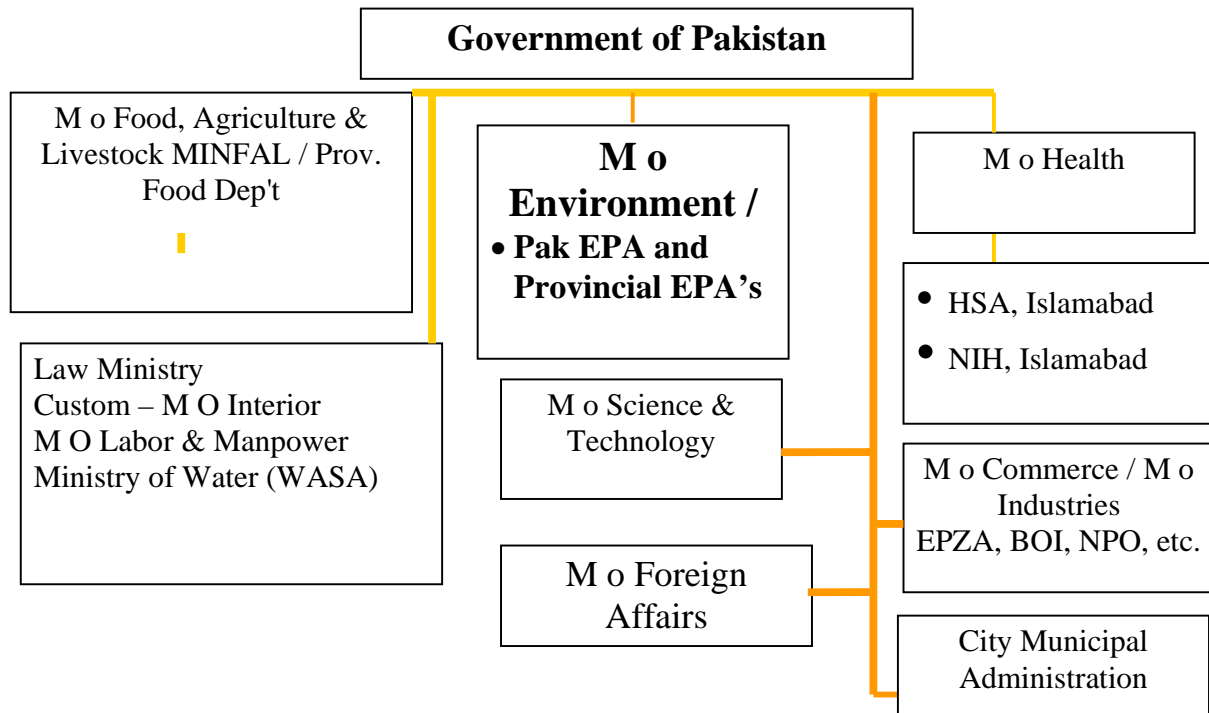
Abstract: As issue of Safe Chemical Management has been recently recognized in the wake of WTO, MEAs, other environmental and health concerns, development and its associated impacts on natural environment, preservation of delicate balance in eco-system and healthy life, its management (quality / quantity, demand, resources, maintaining environment, low cost sustainable growth, water scarcity/ droughts, climate change, health issues, eco-toxicological impacts, endocrine system disruptor etc) is being considered as an important component in controlling the unplanned indiscriminate spreading of these chemicals and get associated in the food and other chains with associated direct and indirect impacts. The present paper will discuss the important parameters / components of Hazardous Chemicals Management being covered under Stockholm, Bazel and Rotterdam conventions covering cover chemicals, pesticides and hazardous waste, constraints and management practices in the context of Developing Countries. This Management can be improved / enhanced by integrating a number of technical and management options and financial incentives including change of current trends of Supply – demand bases, and using management tools for effective implementation of laws. Some of these chemicals might be illegally produced in the region at cheap cost which needs a regional integrated approach. In addition, a stricter control on production, sale, transport, trade etc like the one on nuclear / radioactive components are in place, be suggested for these chemicals under scrutiny and controlled at source for supply instead demand based facility. Technology transfer for mitigation, disposal, treatment, health impacts, etc be more effective and implied for. The present talk will be helpful in taking note of existing status in Pakistan, current practices, their impact on quality of life and future suggestions for improvement in the context of developing countries. It may be pointed out that the main focal agency ie Pak EPA has limited capacity to follow these activities.

We conclude that

- *A regional Network should be promoted and to demonstrate innovative ways to improve the existing non-existent coordination through sharing experiences and building partnerships* on safe chemical management globally, regionally and locally;
- Capacity building & **Participation in capacity building activities**
- Improving policy & regulatory frameworks at all levels
- Piloting projects to encourage innovation
- Assisting countries in implementing integrated hazardous management systems
- Be part of overall trade and industry Community

¹ Dr. Noman Fazal Qadir, email get@isb.paknet.com.pk, nfqadir@gmail.com and nfqadir@yahoo.com

Existing arms of Government to deal with Chemical Management issues



Safe Chemical Management

