

BALCO PLANT II



BALCO has always been a pioneer in the field of environmental protection. It endeavors to use technologies that are energy and water efficient, and have adequate residue management systems in place. The focus has always been towards zero effluent discharge and reduction in pollution hazards. These efforts are being pursued in greater scale after disinvestment, facilitated by stretched targets in Business Plan and earmarked resources. BALCO has made significant investment in Environmental protection. The major highlights are given below:

The products of BALCO viz. aluminium ingots, rods and rolled products are environment friendly. BALCO has carried out an extensive and exhaustive Environmental Aspect-Impact assessment study of all its activities and products, as a part of its efforts for ISO 14001 certification. Impacts are derived as the product of the indices for severity, likelihood of occurrence and likelihood of detection. Impacts have been categorized as high, medium and low. All aspects pertaining to impacts rated as high have been deemed as significant aspects. Additionally all environmental aspects related to legal requirements are deemed as significant aspects. Suitable Operational controls have been established for all activities that

are related to an environmental aspect. Objectives have been taken up at all relevant functions and levels for mitigating effects of significant aspects.



BALCO is relentless in its pursuit of resource conservation. Some of the steps taken in this direction include:

- *Conservation of raw materials*
- *Energy conservation*
- *Use of recyclable material*
- *Reduction of waste*

Conservation of raw materials:

Relevant Objectives and Targets on reduction of specific consumptions of raw material and energy have been derived from the commitment in the QESH Policy. Management Programmes have been established to achieve these objectives. The objectives are in-built in Business Plans and are reviewed by the SBU heads on a daily basis, by the Plant Head on a weekly basis and by the CEO on a monthly basis. The review of the status of these Objectives also forms a part of the Management Review for ISO 14001.

Water is precious and as a responsible corporate, BALCO operating personnel keep exploring ways of conserving water. BALCO Smelter II is designed for zero discharge. We have implemented Rainwater harvesting system in Smelter II.

Recent Awards & Accolades Plant II:

- 2009 Silver Certificate of Excellence- India's Manufacturing Excellence Award
- 2009 International Green Apple Awards for Environmental Best Practice - Silver Winner 2009 - Balco Fuse Technology
- 2009 Ideas UK 2009 – For installation of Bath Hopper in GAMI pot Superstructure
- 2009 Ideas UK 2009- Highly Commended Certificate (Innovation Category – Online Pot Cut-out)
- 2009 National Safety Award from DGFASLI
- 2009 Institute of Engineer's Award (Safety Innovation Award)
- 2008 International Safety Award – Smelter II – British Safety Council.
- 2008 National Safety Award – Smelter II Winner – Govt. of India
- 2008 IDEAS UK 2008 : Technology Trophy for Balco Fuse Technology
- 2008 European Aluminium Award 2008 : Special prize for production techniques for Balco Fuse Technology

