

## Mining Journal Awards-2014

### “BEST USE OF TECHNOLOGY” Nomination Criteria

Name of mining company or plant .....

CRITERIA	Increase %	Decrease %	Did the company meet the criteria?	EVALUATION
<b>1. Adoption of advanced exploration technology:</b> - Were the amounts of wastage and pollution kept within approved estimates?  - The cut-off grade of the ore  - Amount of resources explored - Amount of exploration budget  - Criteria for saleable ore				
<b>2. Adoption of advanced processing technology:</b> - Did the company adopt world class energy-saving technology in preparing ore for processing and in actual processing?				

<ul style="list-style-type: none"> <li>- Extraction from primary ore</li>   <li>- Processing budget</li> <li>- Waste amount</li> <li>- Are secondary elements extracted for use?</li> <li>-Coke ash-flow in coal processing - 7- 8 per cent, ash-flow in energy coal -15-18 per cent</li> </ul>				
<p><b>3. Adoption of advanced technology in pure copper and metallurgical production:</b></p> <ul style="list-style-type: none"> <li>- Plant capacity</li> <li>- Processing budget</li>   <li>- Productivity</li>   <li>- Sales income</li> </ul>				
<p><b>4.Adoption or production of advanced software</b></p> <ul style="list-style-type: none"> <li>- Productivity</li>   <li>- How many people's job does the software do?</li> </ul>				

<p><b>5. Adoption of advanced drilling technology</b></p> <ul style="list-style-type: none"> <li>- Indications of drilling work</li> <li>- Drilling work budget</li> <li>- Drilling machine diamond bit structure</li> </ul>				
<p><b>6. Adoption of advanced technology in explosive material</b></p> <ul style="list-style-type: none"> <li>- Does the technology meet the general criteria?</li> <li>- Improvement in the explosive work</li>   <li>- Explosive work budget</li> </ul>				
<p><b>7. Adoption of environment friendly advanced technology</b></p> <ul style="list-style-type: none"> <li>- Industrial waste and pollution</li> <li>- Percentage of water being re-used</li> <li>- Complaints from local residents</li> <li>- Technical rehabilitation</li> </ul>				

- Biological rehabilitation (plants and animals)				

- **Indicators should be attested by officials' name, signature and the company's stamp.**

- **P.S:** A copy of all supporting evidence -- reports, photographs, videos etc. -- should be attached.