Concept description

Together with the Mongolian National Mining Association (MNMA) and GIZ, CBM is developing and implementing a new training and education concept for Safety Engineers and OHS Managers since 2014 (Project: GM-OSTEC).

The concept includes three progressive levels of training modules. Each individual module focuses on different topics and will increase the experience of the participants in the various areas of activities of OHS. They will learn how to use the different instruments of OHS, like risk assessment, root-cause-analysis, management systems like OHSAS 18001 / ISO 45001 etc.

This training is primarily focusing on engineers and managers and corresponds with the European level of education (German standard).

The participants are trained very practice-based for 6 weeks, in total. During this time the participants will impart knowledge of OHS, using various didactic teaching methods such as lectures, team work and on-site exercises.

Following the successful completion of each module, the participants will receive a certificate.

Cooperation partners

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

Mongolian National Mining Association (MNMA)

Funded by

Federal Ministry for Economic Cooperation and Development (BMZ), DeveloPPP.de

About CBM

CBM GmbH is a German consulting company since 2000. One focus is the development and implementation of management systems. From the experience in national and international projects CBM has developed analysis and consulting approaches to improve the productivity and quality of work with the involvement of environment, occupational health and safety over the years.

Our business sectors:
- Occupational safety, health and environmental protection,
- Corporate and personnel development and
- international mining consultancy / raw materials production and processing.

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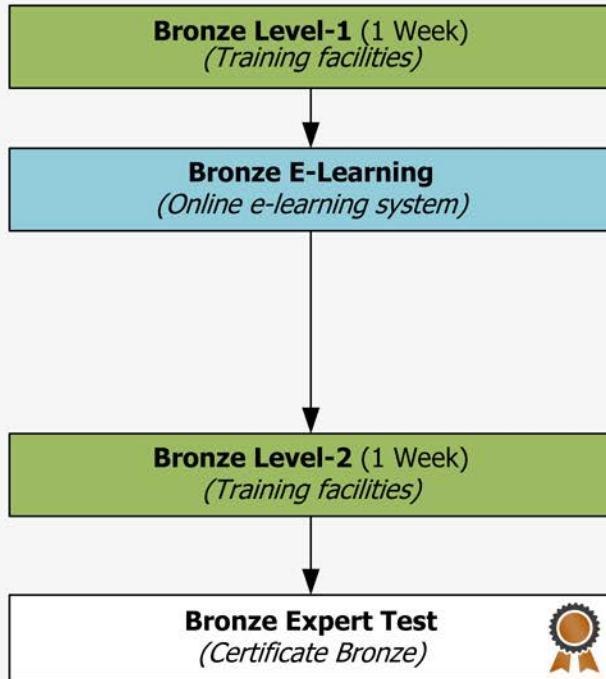| Head office	Branch office
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CBM

Gesellschaft
für Consulting,
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und Management
mbH

German-Mongolian Occupational Safety Training & Education Concept (GM-OSTEC)

Герман-Монголын хамтарсан хөдөлмөрийн эрүүл мэнд, аюулгүй байдлын мэргэшүүлэх сургалтын хөтөлбөр

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Bronze Module	Silver Module	Gold Module

Bronze Level-1 (1 Week)
(Training facilities)

Bronze E-Learning
(Online e-learning system)

Bronze Level-2 (1 Week)
(Training facilities)

Bronze Expert Test
(Certificate Bronze)

Silver Level-1 (1 Week)
(Training facilities)

Silver E-Learning
(Online e-learning system)

Silver Experience (8 Weeks)
(Practical exercise in company + written report)

Silver Level-2 (1 Week)
(Training facilities)

Silver Expert Test
(Certificate Silver)

Gold Level-1 (1 Week)
(Training facilities)

Gold E-Learning
(Online e-learning system)

Gold Experience (4 Weeks)
(Practical exercise in company)

Gold Level-2 (1 Week)
(Training facilities)

Gold Expert Test
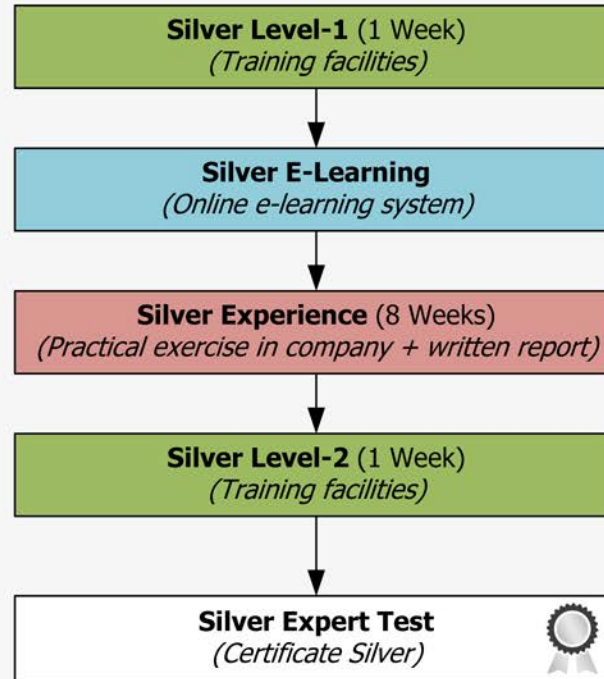*(Certificate Gold)*

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Key Aspects

Duration: 2 weeks

- Tasks and roles of safety experts
- Origin and avoidance of hazards & risks
- Preventative measures
- Corrective measures
- Overview: Instruments / tools of OHS
- Risk assessment
- Site inspection
- Incident analysis / root-cause-analysis
- Training and instruction
- Operating / working instruction
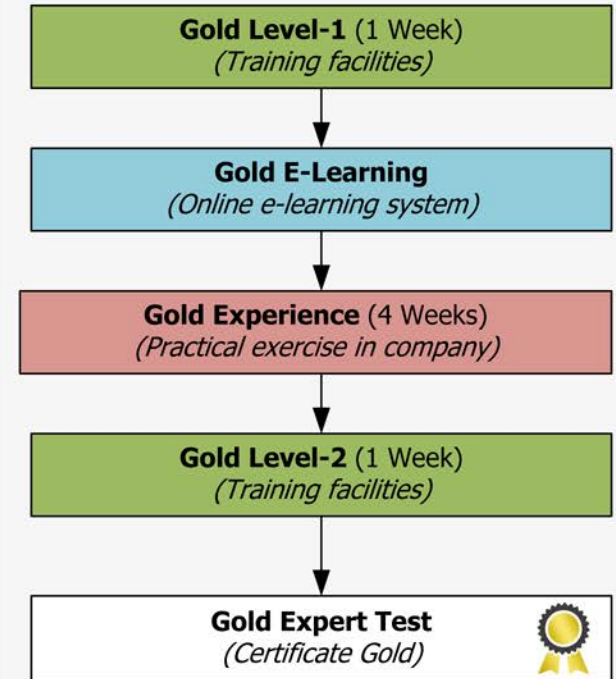- Escape and rescue plans (fire protection)

Key Aspects

Duration: additional 2 weeks

- Further development of safety experts
- Technical specialization on individual risk factors (e.g. dust, noise ...)
- Systemic approach (PDCA), continuous improvement process (CIP) & organization
- Implementation of management systems
- Norms and standards (e.g. OHSAS 18001 / ISO 45001)
- Contractor management
- Hazardous substances register
- Emergency response plan

Key Aspects

Duration: additional 2 weeks

- Entrepreneurial thinking
- Occupational health and safety strategies, concepts and programs
- Integration of OHS in the work system
- Controlling (KPI etc.)
- Industry-specific advanced training / extension studies
- Safety culture / OHS-Check-Up
- Concerted combination and use of the OHS-instruments