



The role of the coordinator

RIGA

22-10-2004

Ir. Jan Blok

Council Directive 92/57/EEC

- Temporary or mobile construction sites expose workers to high levels of risks;
- Unsatisfactory architectural and/or organizational options or poor planning at the preparation stage may cause occupational accidents (estimation 40%) ;
- Inadequate coordination when a project is being carried out may cause occupational accidents.



Main Objectives

- Prevention;
- Coordination;
- Cooperation.



Coordinator preparation stage

- When there is more than one contractor;
- Coordinator coordinates planning;
- Draws up a safety and health plan (not for small sites, i.e. >30 working days and >20workers or>500 person-days);
- Prepares a file for any subsequent works.



Coordinator execution stage

- Coordinates planning;
- Coordinates implementation of safety and health provisions by employers/ sub-contractors;
- Adjusts safety and health plan and file;
- Organizes cooperation between employers;
- Let only authorized persons enter site.



Minimum requirements Annex IV

- Stability and solidity;
- Energy distribution;
- Emergency routes and exits;
- Fire detection and fire fighting;
- Ventilation, temperature, lighting;
- Particular risks (noise, toxic substances);
- Doors and gates;



Minimum requirements Annex IV

- Traffic routes- danger areas;
- Loading bays and ramps;
- Freedom of movement at workstation;
- First aid;
- Sanitary equipment;
- Changing rooms and lockers;
- Rest rooms/ accommodation areas.



Specific requirements, part B

- Falling objects;
- Falls from a height;
- Scaffolding and ladders;
- Lifting equipment;
- Installations, machinery, equipment;
- Excavations, underground works, tunnels;
- Demolition work, roof work.



Accidents Iceberg

- 30.000 dangerous situations;
- 3.000 near accidents, no sick leave;
- 300 accidents with sick leave;
- 30 serious accidents;
- 1 fatal accident.



Accident chain

- Background circumstances;
- Human failure;
- Unsafe situation or act;
- Accident.



Tasks coordinator preparation stage

- Organizes S+H coordination structure;
- Coordinates with all relevant parties;
- Let parties develop risk- assessments;
- Maintains legislation and state of art;
- Discusses risk assessments in meetings with parties and reports decisions;
- Reports regularly on progress;



Tasks coordinator preparation stage

- Eliminates risks for execution stage;
- Puts non-eliminable risks in S+H plan/file;
- Ensures S+H plan being part of specifications for procurement contract;
- Appoints contractor responsible for coordination execution stage;
- Ensures S+H prescriptions being part of contracts with sub-contractors;



Tasks coordinator preparation stage

- Brings the project to notice of the authorities;
- Transfers S+H plan to coordinating contractor;
- Advises client about control during execution stage and evaluates process.



Tasks coordinator execution stage

- Ensures S+H prescriptions being part of contracts with sub-contractors;
- Completes S+H plan and file;
- Distributes S+H plan;
- Negotiates with sub-contractors;
- Informs third parties;
- Evaluates monitoring progress by sub-contractors;



Tasks coordinator execution stage

- Makes periodically safety rounds;
- Gives orders, observing non-compliance;
- Reports on compliance with S+H prescriptions in meetings with client, contractor and sub-contractors;
- Hands over file to client at delivery;
- Evaluates process.



Pitfalls

- One or two coordinators;
- Qualifications of coordinators;
- Time, power of coordinator;
- Paper tiger;
- Relation with standard risk assessments and evaluations of employers.



Implementation in the Netherlands

- One or two coordinators;
- No certification of coordinators;
- Architect or project development company takes care of coordination in design stage;
- Normally supervisor/coordinator/site manager for main contractor also takes care of S+H coordination in execution stage;
- Larger companies: no problems.

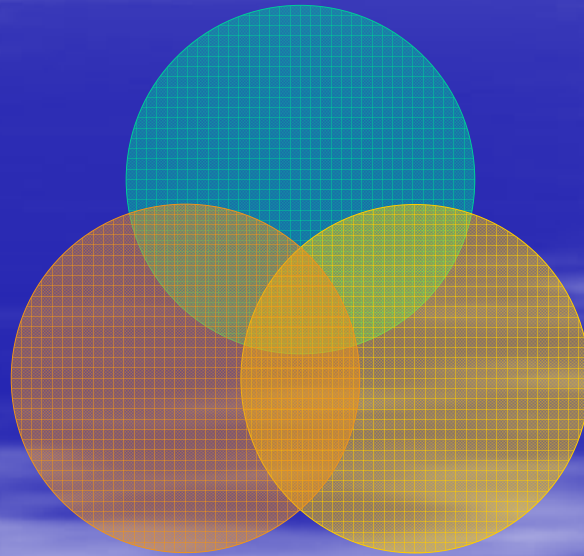


Enforcement

- No pro-active enforcement at preparation stage;
- At execution stage: tracing back violations to inadequate planning and coordination: enforcement of concrete technical provisions and structural measures.



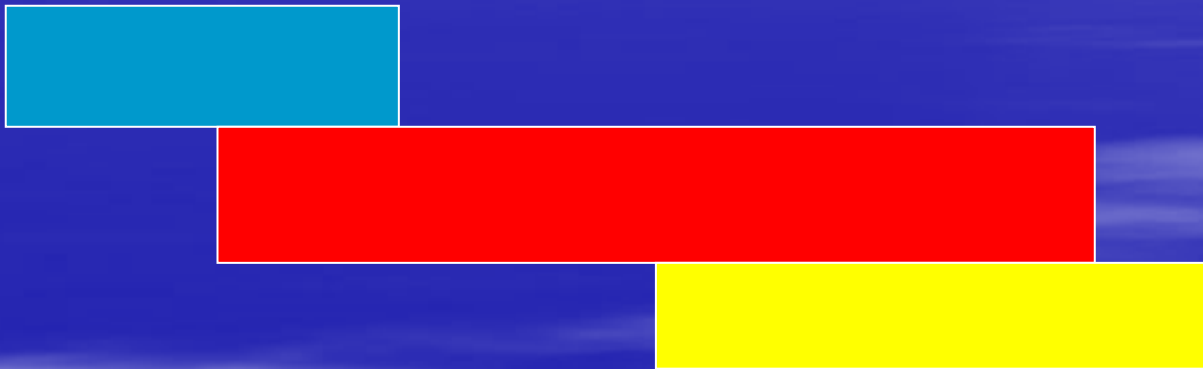
Relation Risk Assessments with S+H plans sub-contractors



Time schedule for sub-contractors

Start

End



Main activities coordinator execution stage

- Takes care of collective provisions;
- Takes care of interactions between sub-contractors;
- Does not take over responsibilities of sub-contractors for their own employees.



Courses for coordinators

- Basic course: i.a. VCA-certificate;
- Special course for coordinator preparation stage: i.a. by Aboma/ Keboma;
- No special courses for coordinators execution stage;
- Leaflets, brochures, seminars.



Thanks for your attention

