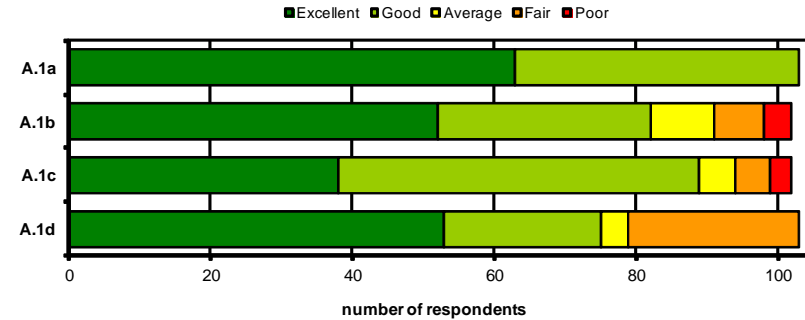


## Charts 2-11

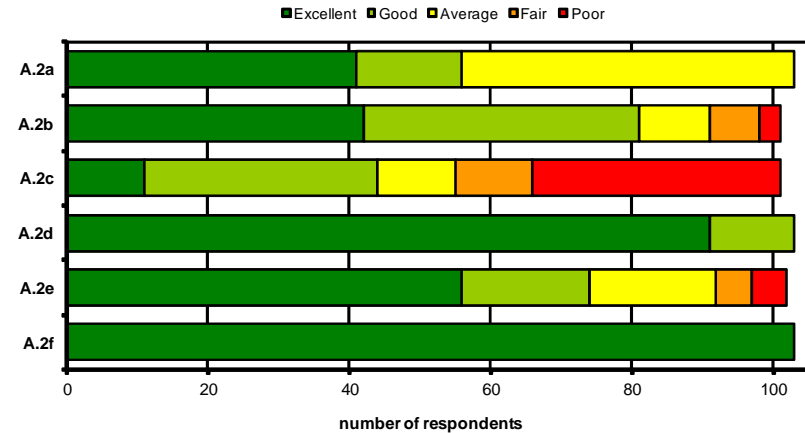
**Chart 2: Thematic area A.1 - Knowledge on the safety procedures or plans for company and project site**

A. Demonstrate Health and Safety Knowledge and Skills
<b>A.1 Indicate your level of knowledge on the following safety procedures or plans for company and project site:</b>
a) do you familiarize yourself with: company safety manual, e.g., policies and procedures, ...
b) have you been participating in the development/review/update of the site-specific and health and safety and emergency response plans, if appropriate
c) do you attend regular health and safety meetings
d) do you take safety training as required, for example: First Aid services, ...



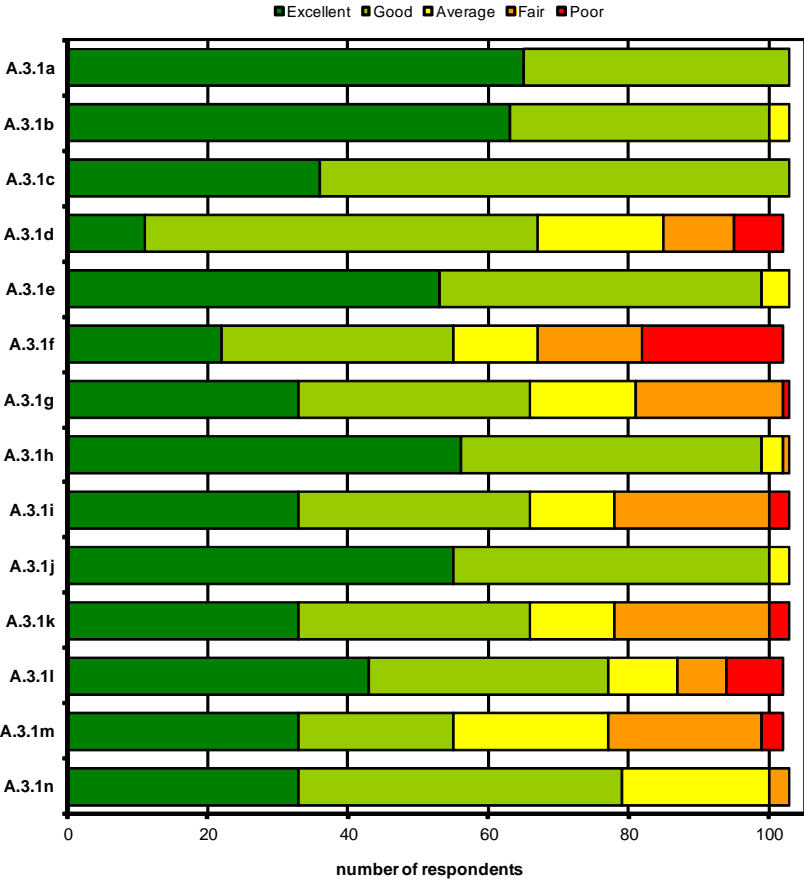
**Chart 3: Thematic area A.2 - Guidelines for personal safety**

A.2 Do you follow guidelines for personal safety?
a) do you notify supervisor/co-workers of your work plan and daily activities
b) do you use appropriate personal protective equipment (PPE), e.g., safety glasses, steel-toed boots, hard hat, hearing protection
c) do you wear appropriate clothing for weather/environment/activity
d) are you aware of your surroundings, e.g. watch for hazards
e) do you notify supervisor and co-workers of personal health concerns and conditions, e.g., severe allergic reactions
f) do you have communication equipment available at all times



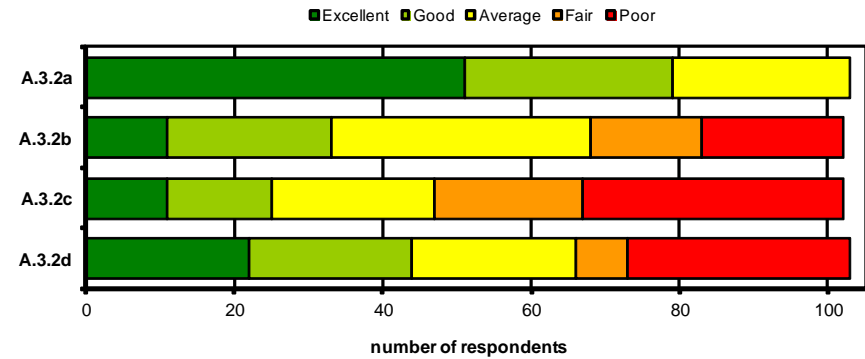
**Chart 4: Thematic area A.3 – Hazards / A.3.1 - Accident Hazards**

<b>A.3 Are you aware of hazards related to the job?</b>
<b>A.3.1 Are you aware of Accident Hazards related to:</b>
a) slips and falls on floors made slippery by water, aqueous solutions or solvents
b) blows and contusions caused by falling heavy articles, e.g., from overhead conveyors
c) injuries by machinery parts of rotating or moving equipment
d) falls into ponds, pits, clarifiers or tanks causing injuries or drowning
e) falls from ladders, stairs and elevated platforms while operating and maintaining equipment
f) chemical burns caused by corrosive liquids, splashes of solvents and other hazardous liquids
g) burns, by steam and/or hot vapors, by fires or explosions of flammable gases, etc.
h) electric shock caused by contact with faulty electrical equipment, cables, etc.
i) cuts and pricks by sharp tools, sharp edges of articles, etc.
j) injuries (especially of eyes) caused by flying particles, in particular from rotating brush cleaning of wheel grinding
k) fire and explosions due to the formation and release of flammable gases during processing (e.g., methane, hydrogen)
l) vigorous chemical reactions caused by uncontrolled mixing of chemicals during the preparation of reagents for wastewater treatment
m) acute poisoning caused by various chemicals present in the wastes, used as reagents (e.g., gaseous chlorine), or released during the treatment (e.g., hydrogen-sulfide, etc.)
n) damage to eyes by splashes of irritating or corrosive liquids



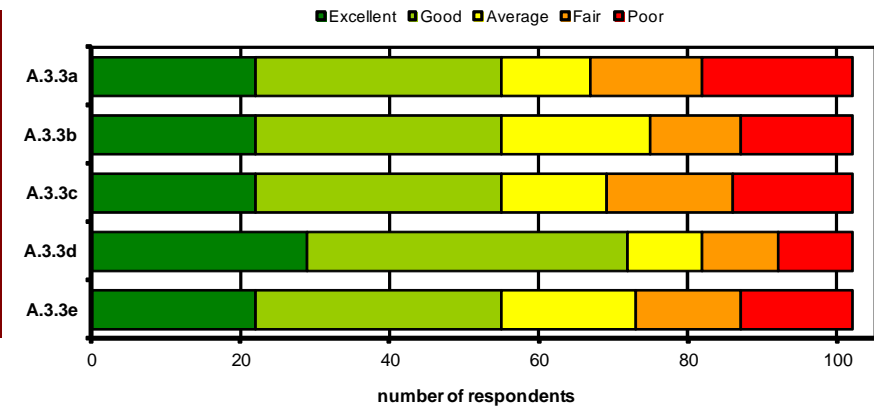
**Chart 5: Thematic area A.3 – Hazards / A.3.2 - Physical Hazards**

A.3.2 Are you aware of Physical Hazards related to:
a) exposure to excessive noise levels from mechanical equipment
b) exposure to hand-arm or whole-body vibration from power tools or surfaces on which the worker stands or sits
c) exposure to UV radiation
d) exposure to potentially health –detrimental climatic factors



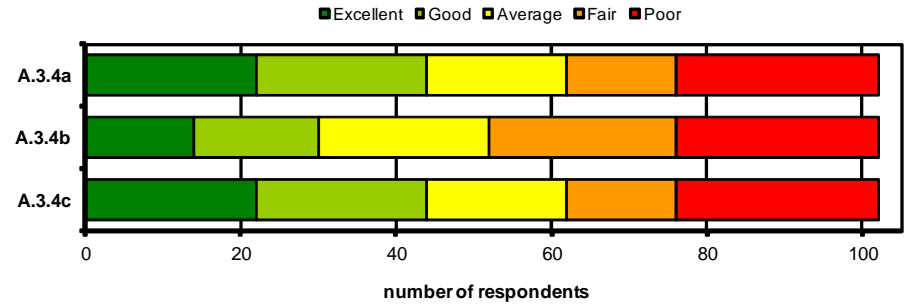
**Chart 6: Thematic area A.3 – Hazards / A.3.3 – Chemical Hazards**

A.3.3 Are you aware of Chemical hazards related to:
a) chronic poisoning by inhalation or ingestion of chemicals used in waste – water treatment
b) dermatoses caused by exposure of the skin to waste waters, cleaning formulations, acid and alkaline solutions, etc.
c) irritation of mucous membranes (in particular of the respiratory tract) by acid or alkaline vapors or aerosols, by hydrogen sulfide, and other substances
d) exposure to dust
e) latex allergy caused by the use of latex gloves



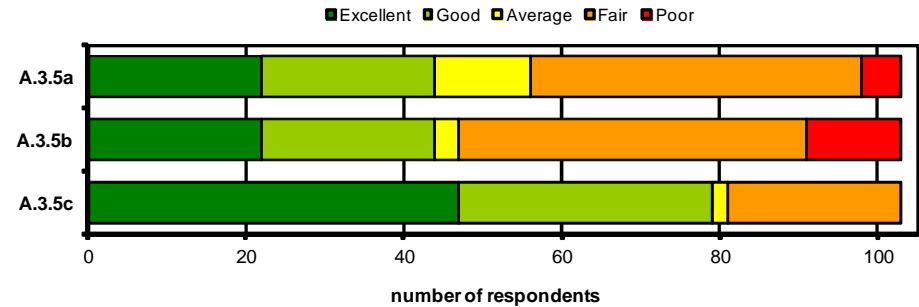
**Chart 7: Thematic area A.3 – Hazards / A.3.4 - Biological Hazards**

A.3.4 Are you aware of Biological Hazards related to:
a) diseases caused by infectious agents present in the raw domestic wastewater (mainly from human origin) and in agriculture wastes
b) diseases caused by contact with the toxins released by the infectious agents
c) diseases caused by insects or rodents proliferating in the sludge drying beds



**Chart 8: Thematic area A.3 – Hazards / A.3.5 - Ergonomic, Psychosocial and Organizational Factors**

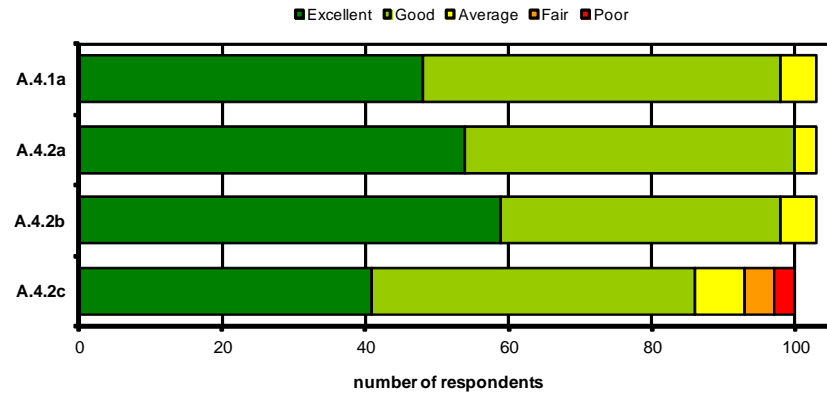
A.3.5 Are you aware of Ergonomic, Psychosocial and Organizational Factors related to:
a) musculoskeletal injuries caused by overexertion while handling heavy loads or by awkward working postures (including frequent bending), etc.
b) visual discomfort and eye problems caused by inadequate illumination
c) discomfort and psychological problem related to prolonged wear of protective clothing, to the bad smells of the wastes, to the feeling of working in a "dirty" and not too "respectable" occupation



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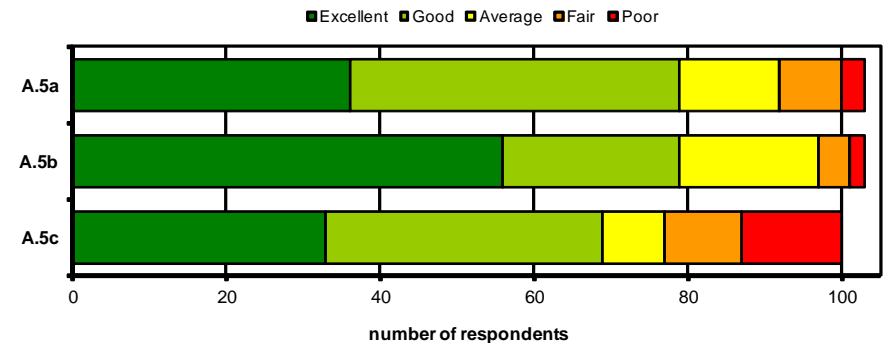
### Chart 9: Thematic area A.4 - Safety guidelines for confined spaces

A.4 Do you follow safety guidelines for confined spaces?
<b>A.4.1 Describe a confined –space entry permit</b>
a) are you familiar with the components of an entry permit (location of confined space, type of work to be performed, types of hazards and controls to address them, time period covered by entry permit, record of each worker's entry and exit, results of atmospheric testing)
<b>A.4.2 Comply with procedures for working in confined spaces</b>
a) do you know how to certify the completeness of pre-entry activities on the entry permit, including: (air quality tests, risk assessment and hazard controls, lock-out and tag-out procedures)
b) do you check information required by the entry permit, e.g. PPE and emergency equipment needed, air monitoring provisions, list of authorized entrants, operating procedures, MSDS of materials to be used
c) do you know when and how to stop work activities and notify properly if the conditions or procedures specified on the permit have been changed




### Chart 10: Thematic area A.5 - Guidelines for hazardous materials

A.5 Do you follow guidelines for use and handling of hazardous materials?
a) Are you familiar with Material Safety Data Sheets (MSDS)
b) Do you identify hazardous material symbols
c) do you know how to respond to hazardous materials spills, leaks, and releases



Charts 2-11

Chart 11: Thematic area A.6 - Fire safety guidelines

A.6 Do you follow fire safety guidelines?	
a) do you identify frequent causes of fire	
b) do you identify classes of fire	
c) do you know how to extinguish different classes of fire	
d) do you know how to use fire extinguishers	
e) do you follow fire safety guidelines	

