

Competent Contractors: Requirements for Construction Managers

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“... the registration of Construction Managers process and the discipline, profession, and practice of Construction Management is being undermined”

How could the cidb and clients recognise competent contractors?

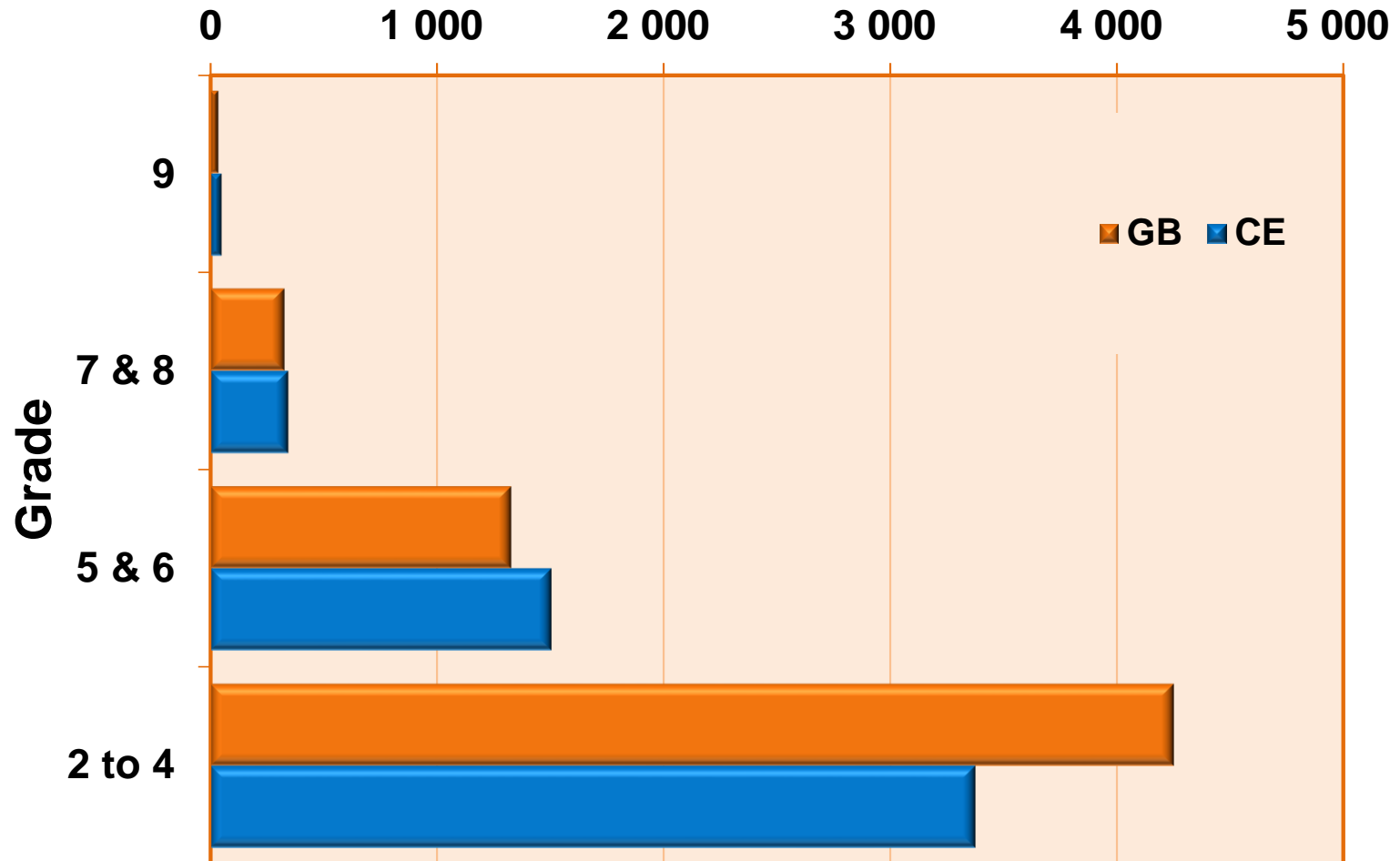
- **Background & Context:**
 - **cidb** Contractor Registration Requirements
 - Amendments to the **cidb** Regulations
 - SACPCMP Identification of Work
- **cidb** Standard for the Assessment and Recognition of the Competencies of Contractors
- **Way Forward**

Background & Context

- **The cidb Act requires that the Board must establish a national register of contractors, which:**
 - facilitates public sector procurement
 - promotes contractor development
- **Registration criteria:**
 - financial capability
 - track record
 - registered professionals (Grades 6/7 to 9)

Number of Registrations

Registrations; GB & CE; 2012Q3



Class of Works

- **GB: General Building**
- **CE: Civil Engineering**
- **ME: Mechanical Engineering**
- **EE: Electrical Engineering**
 - **EB: Electrical Building**
 - **EP: Electrical Power**
- **SW: Special Works**

cidb Contractor Registration Criteria (Method A)

Grade	Maximum Contract Value	Financial	Track Record	
		Available Capital	Largest Contract (5 yr)	Best Annual Turnover (2 yr)
9	unlimited	R80m	R100m	R270m
8	R130m	R26m	R32,5m	R90m
7	R40m	R8,0m	R10,0m	R24m
6	R13m	R2,6m	R3,25m	R7,8m
5	R6,5m	R1,3m	R1,6m	R3,25m
4	R4,0m		R1,0m	R2,0m
3	R2,0m		R0,5m	R1,0m
2	R0,65m		R0,15m	

cidb Contractor Registration Criteria (Method A)

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4	R4,0m		R1,0m	R2,0m
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x 5

cidb Contractor Registration Criteria (Method A)

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x 4

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4	R4,0m	x 2		R2,0m
3	R2,0m			R1,0m
2	R0,65m		R0,15m	

cidb Contractor Registration Criteria (Method A)

Grade	Maximum Contract Value	FT Qualified Persons				
		GB	CE	EB & EP	ME	SW
9	unlimited	3	3	4	4	4
8	R130m	2	2	3	3	3
7	R40m	1	1	2	2	2
6	R13m			1	1	1
5	R6,5m					
4	R4,0m					
3	R2,0m					
2	R0,65m					

Registered Professionals

- **CE, EE and ME:**
 - registered with ECSA or SACPCMP
- **GB and SW:**
 - registered with SACPCMP, ECSA, SACAP, SACQSP or SACLAP
 - reliance on Code of Conduct

Registered Professionals

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 - registered with SACPCMP, ECSA, SACAP, SACQSP or SACLAP
 - reliance on Code of Conduct
- **But:**
 - implicit that the professional will be responsible for construction management
 - not explicit:
 - what is role of professionals?
 - cost burden of permanent professionals

Registration Amendments

- **Remove requirements for registered professionals**

“... the registration of Construction Managers process and the discipline, profession, and practice of Construction Management is being undermined”

- **Identification of Work for Construction Managers:**
 - standard services



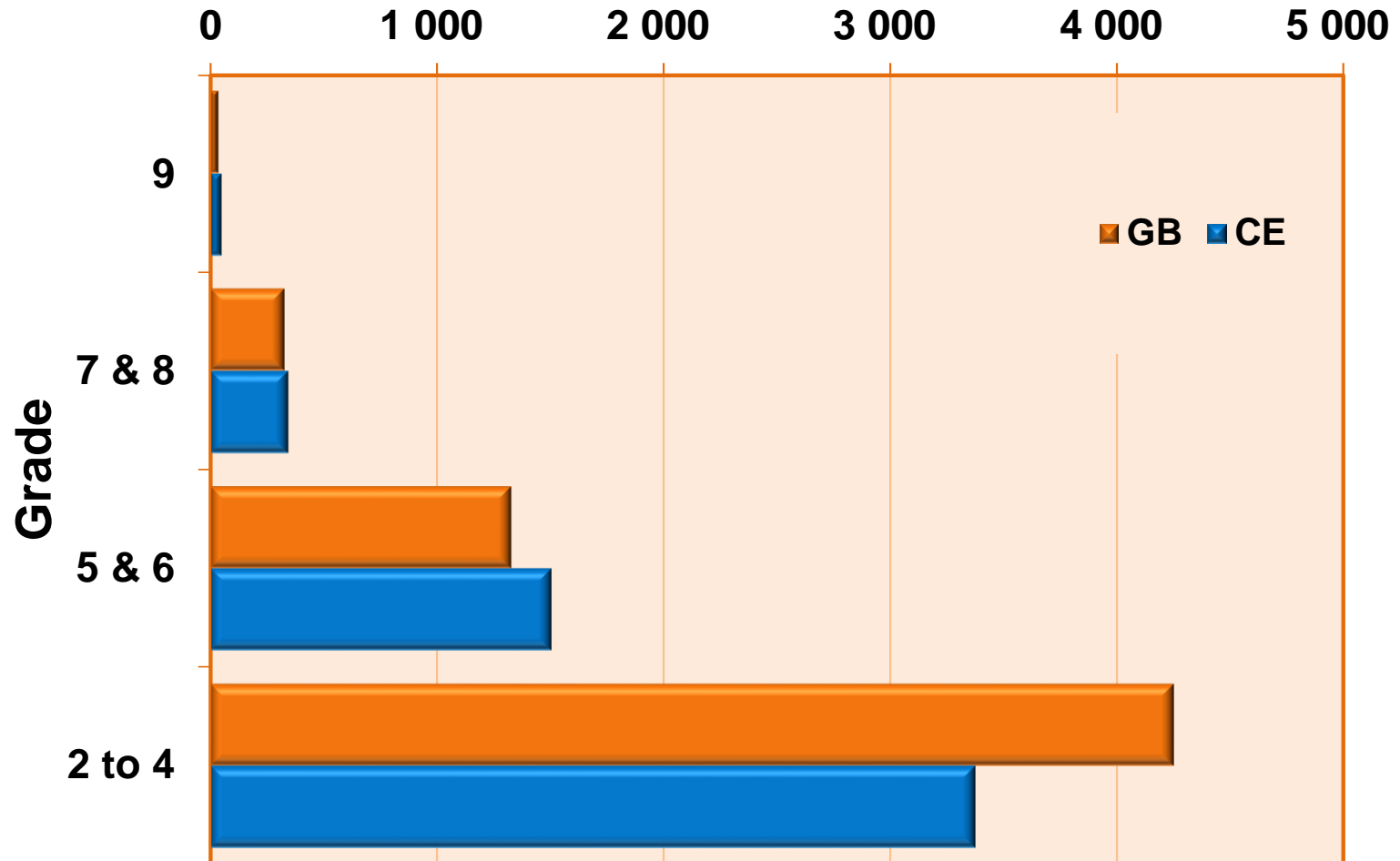
- **“Construction Management” is the management of the physical construction process**
- **The nature and type of projects to be implemented in terms of the identification of work shall be **all** construction work within the built environment**
 - **even Grade 1 contracts?**

- Very onerous requirements?

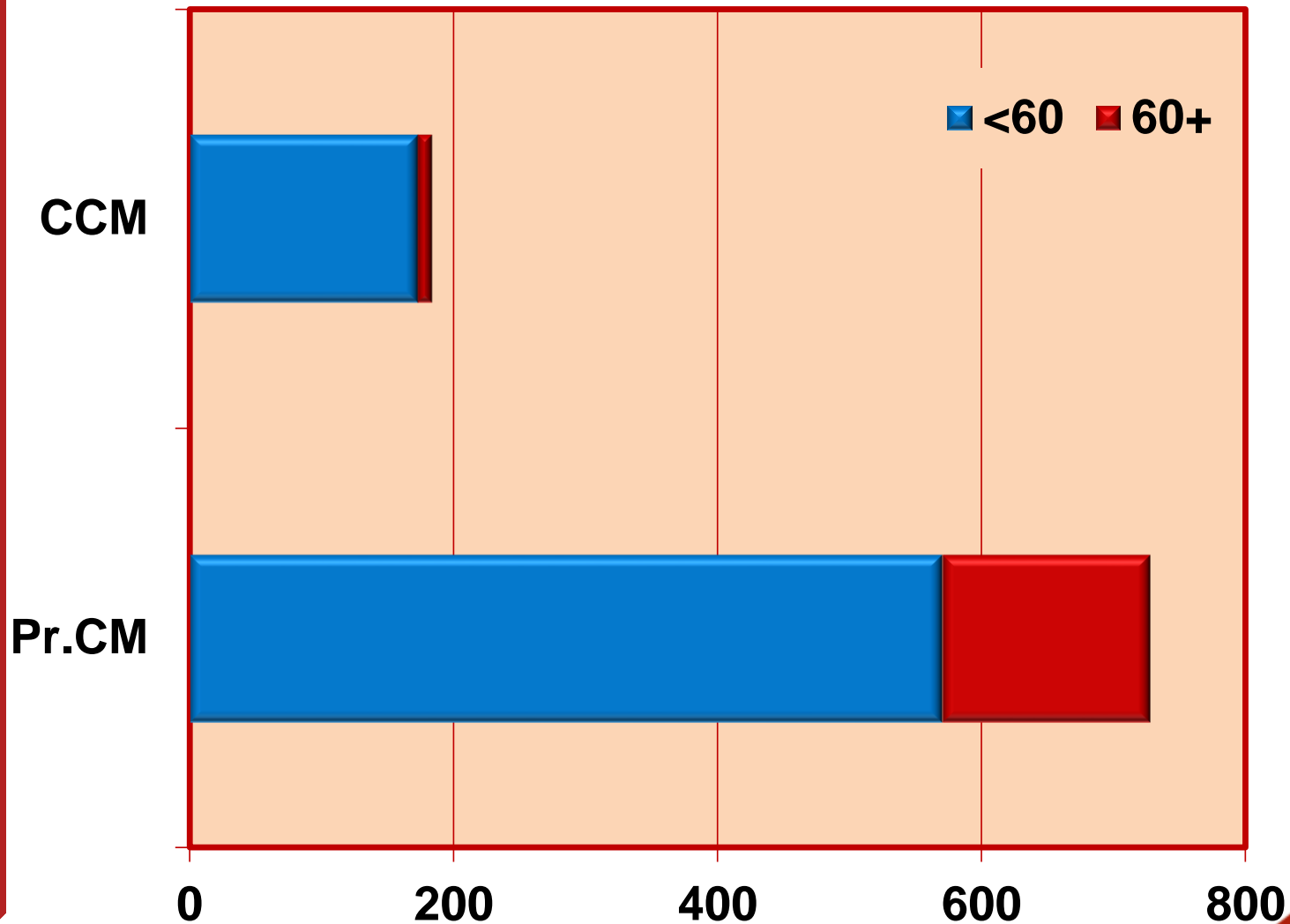
Grade	Maximum Contract Value	GB	CE
9	unlimited	Pr CM	
8	R130m	Pr CM	
7	R40m	Pr CM	
6	R13m	Pr CM	
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4	R4,0m	Pr CM	
3	R2,0m	Pr CM	
2	R0,65m	Pr CM	

Number of Registrations

Registrations; GB & CE; 2012Q3



Pr CM Pipeline



cidb Standard for the Assessment and Recognition of the Competencies of Contractors

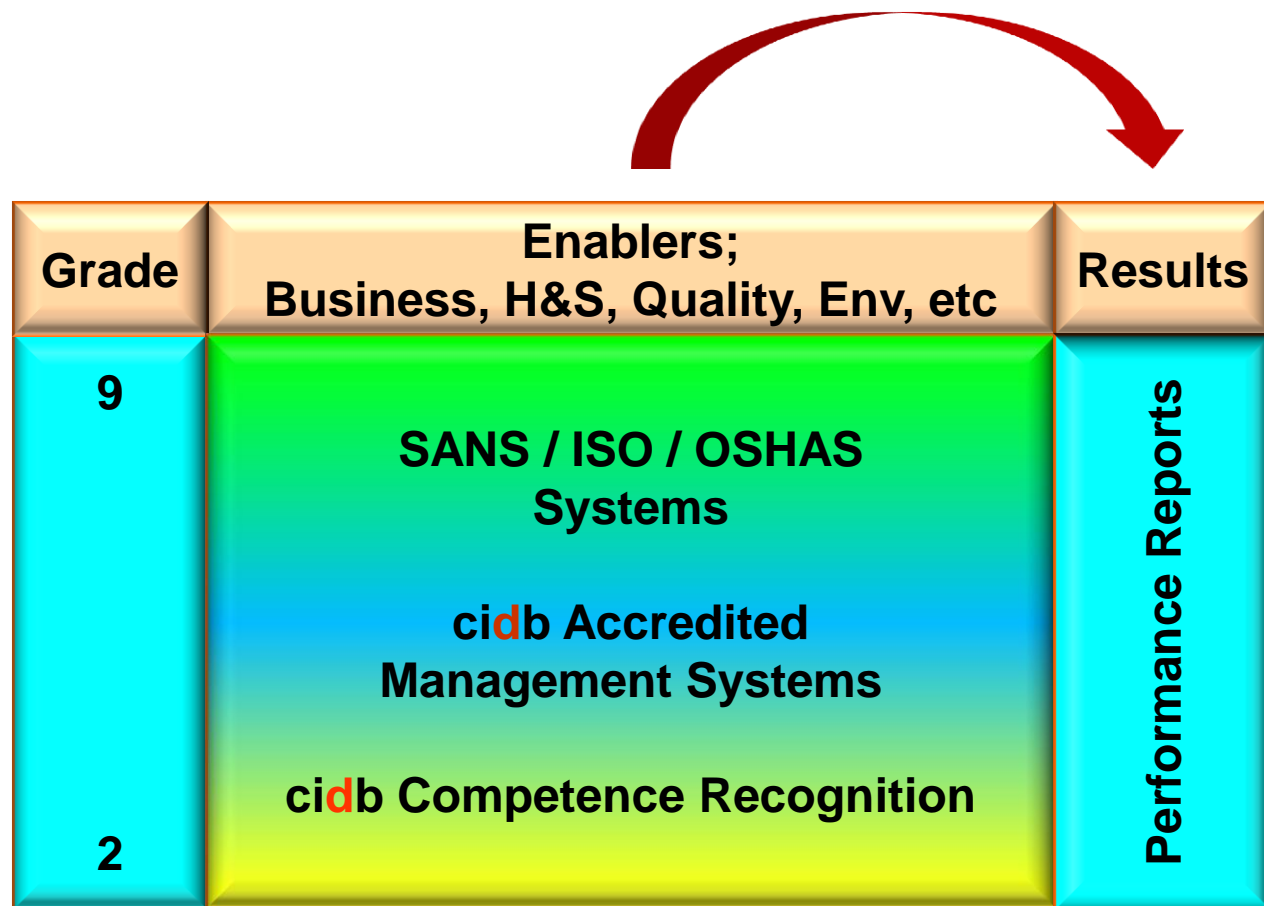
cidb Best Practice Contractor Recognition Scheme

- The **cidb** Act requires that the Board must establish a ***Best Practice Contractor Recognition Scheme*** which:
 - enables organs of state to **manage risk** on complex contracting strategies
 - promotes **contractor development** in relation to best practice standards and guidelines developed by the Board

cidb Best Practice Contractor Recognition Scheme

Grade	Enablers; Business, H&S, Quality, Env, etc	Results
9	SANS / ISO / OSHAS Systems cidb Accredited Management Systems cidb Competence Recognition	Performance Reports
2		

Business Excellence Models



- ***cidb Standard for the Assessment and Recognition of the Competencies of Contractors:***
 - assessment of the competencies of a contracting enterprise
 - measured against minimum acceptable standards necessary for running a contracting enterprise and for supervising building and construction works



Nominated Representative

- A person nominated by a company for competence assessment
- Nominated person must be:
 - a representative of the company or in the company's employ
 - accessible to the company for the duration of a project
 - **declared in tenders**
 - available on site for the duration of a project

Definition of Competencies

- **The competencies to be recognised:**
 - **business management**
 - **building and construction works management**
 - **operational and supervision**
 - **legislative issues**

Competence Categories

- **Trade contractors:**
 - cidb grades 1 to 5
- **Limited categories:**
 - GB and CE
 - cidb grades 2 to 6
- **Open category:**
 - GB and CE
 - cidb Grades 7 to 9
 - consultation not undertaken yet

Competence Requirements; Limited Category

Competence Requirements; Limited Category

Grade	Minimum NQF Level	Recognised Qualifications	Experience
Business Management			
5 & 6	4	[under development]	na
2 to 4	2	National Certificate: Construction Contracting	
Building and Construction Works Management			
5 & 6	5	National Certificate: Management of Building Construction Processes	5 yrs
2 to 4	3	NCV 4: Civil Engineering and Building Construction National Certificate: Supervision of Construction Processes (NQF 4)	3 yrs
Building and Construction Legislation			
5 & 6	4	[under development]	na
2 to 4	2	Comply with legal requirements for a construction contract	

Competence Requirements; Limited Category

Building and Construction Works Management			
5 & 6	5	National Certificate: Management of Building Construction Processes	5 yrs
2 to 4	3	NCV 4: Civil Engineering and Building Construction	3 yrs
		National Certificate: Supervision of Construction Processes (NQF 4)	

- PrCM?

Accreditation Process; Limited Category

- **Formal qualifications**
- **RPL:**
 - **Limited or Trade Contractor Categories**
- **Mutual recognition**

Competence Recognition; Limited Category

Scenario 3: As part of your responsibility to maintain safety environment on the road bridge repairs project, you are required by management to log three days of your normal supervision on the project explaining how you

Questions	Expected Response/ Key Points
1. Name some of the general safety hazards that you have encountered on the job. What general actions have you taken to minimise hazards and risk as you work?	~~~~~ ~ ~~~~ ~~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~
2. Outline the site safety rules on your current (most recent) job site.	~~~ ~ ~~~~ ~~~~~ ~~~~~ ~~~~~~
3. Outline your workplace/site emergency procedures. Who is the site safety officer on your current job? Where is the emergency congregation point?	~ ~~~~ ~~~~~ ~~~~~ ~~~~~~ ~~~~~ ~~~~~

Competence Recognition; Open Category

Competence Requirements; Open Category

- **SACPCMP registration**

		At Tender Stage	
Grade	Maximum Contract Value	GB	CE
9	unlimited	PrCM	PrCM
8	R130m	PrCM	PrCM
7	R40m	PrCM	PrCM

Competence Recognition; Open Category

Grade	Minimum Qualifications for Building and Construction Works Management	Minimum Experience
7 to 9	Accredited honours degree in the built environment field of study	4 yrs
	Accredited B-Tech qualification in the built environment field of study	5 yrs
	Accredited National Higher Diploma in the built environment field	6 yrs
	Accredited National Diploma in the built environment field of study	7 yrs

Source: SACPCMP

Competence Recognition; Open Category

- **SACPCMP:** In case where a person does not possess a qualification and has more than ten (10) years' relevant practical experience, the Recognition of Prior Learning route (RPL) is recommended:
 - conflicts with competence definition?

Pr CM Pipeline

- **cidb** Rapid RPL?

cidb Standard: Consultation Process

- **2008**
 - concept paper developed
 - multi-stakeholder group
 - SAFCEC
- **2009**
 - MBSA
 - ECMBA
 - NURCHA
- **2010**
 - provincial Stakeholder Workshops
 - Stakeholder Forum
- **2011**
 - BBCBE
 - SANRAL
- **2012**
 - Consultation Forum
 - **Grade 7 to 9**

Consultation Process

- **Standard has been endorsed**
- **Gazette notice not endorsed:**
 - **consultation will continue**

Way Forward

“... the registration of Construction Managers process and the discipline, profession, and practice of Construction Management is being undermined”

- **Practice Note:**
 - **advise clients to call for name of construction manager to be lodged at tender stage**
 - **by _____?**
 - **Grades 7 to 9: PrCM**
 - **Grades 2 to 6: registered person?**

Way Forward (ii)

- **Consultation with industry:**
 - competence requirements for Grade 7 to 9 PrCM
 - requirements for registered person for Grade 2 to 6
 - EE, ME, SW
- **Consultation with SACPCMP:**
 - rapid RPL
- **Gazette cidb Standard for public comment:**
 - subject to consultation
- **Recognise contractors:**
 - trade, limited, open
- **Guidelines for clients to specify tender requirements for competent contractors**

Thank You

