

*Creating Concrete Possibilities*



# AUDITS AND ACCREDITATION

Presented by:

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- SARMA

# The challenges:



Cement - regulated

Concrete – no law

Concrete – specification

**Make concrete quality the law!**

# Quality?



**Quality = Fit for purpose**

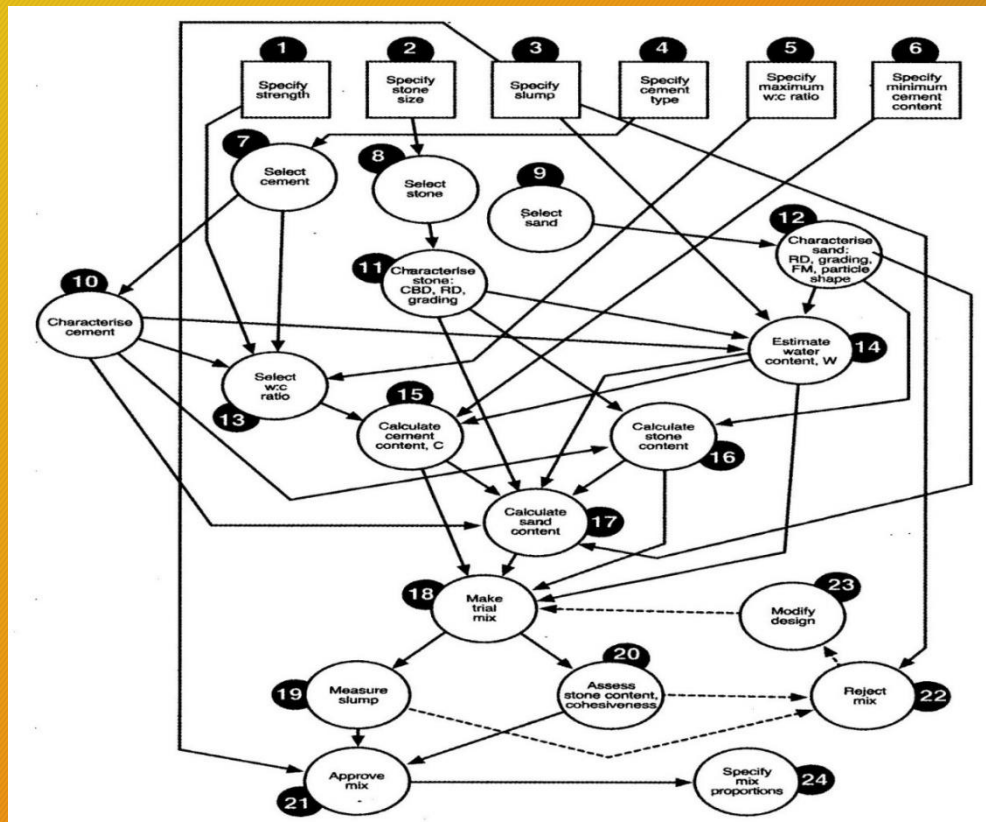
**Testing = Verification of quality**



# Quality Readymix Concrete!



Designed  
Specified  
Tested!  
Audited



Fulton's  
Concrete  
technology:  
9<sup>th</sup> Edition

# Audits:



Safety  
Health  
Road Transport  
Environment  
Quality



# Audits

ISO 9002 - Standardization

ISO 14001 - Environmental

ISO 39001 - Road Transport Safety  
Management System

OHSAS 18001 - Legal

SANS 878:2004 - Quality





# Audits



OHSAS 18001:2007 Standard

OHSAS 18002:2007 Guidelines

ISO 9002: Guidelines

ISO 14000: Guidelines

ISO 39001: Road transport safety management system

SANS 878:2004

ILO Guidelines for Safety Management Systems

The Guide to Environmental Auditing in South Africa -  
Butterworth's

Occupational Health & Safety Act Nr 85: 1993 &  
Regulations

Mine Health & Safety Act Nr 29 : 1996 & Regulations

BVQI Standard for Third party Certification of  
Occupational Safety and Health Management Systems.



## SARMA S.H.R.E.Q. COMPLIANCE AUDIT

Premises: **0**

Audit Date: **0**

Audited by: **0**

Auditors Cell number: **0**

Auditors E-mail address: **0**

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Certification: **PICK FROM DROPDOWN MENU**

Over All Compliance Score: **0,0%**

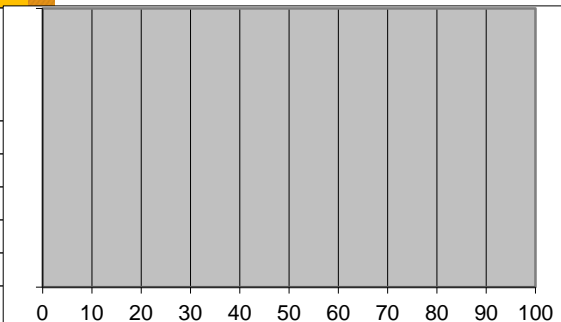
QUALITY - SANS 878 SCORE: **0,0%**

Item	ACTUAL SCORE	POTENTIAL SCORE	PASS/FAIL	Minimum Requirement
GENERAL REQUIREMENTS	0,00%	141	FAIL	80%
SAFETY	0,00%	131	FAIL	80%
HEALTH	0,00%	26	FAIL	80%
TRANSPORT	0,00%	51	FAIL	80%
ENVIRONMENT	0,00%	28	FAIL	80%
QUALITY	0,00%	341	FAIL	90%
AUDIT (REQUIRE A PASS ON ALL SECTIONS TO PASS AUDIT):			FAIL	

Status:

- A GENERAL REQUIREMENTS
- B SAFETY
- C HEALTH
- D ROAD TRANSPORT
- E ENVIRONMENT
- F QUALITY

OVERALL COMPLIANCE SCORE =



INITIAL POSSIBLE POINTS	POINTS AWARDED	SCORE
141	0	0,00%
131	0	0,00%
26	0	0,00%
51	0	0,00%
28	0	0,00%
341	0	0,00%
<b>718</b>	<b>0</b>	<b>0,00%</b>



# GENERAL REQUIREMENTS:



- 1. SYSTEMS: Procedures and Standards**
- 2. HAZARD IDENTIFICATION AND RISK ASSESSMENT**
- 3. LEGAL AND NON-LEGAL REQUIREMENTS**
- 4. OBJECTIVES AND TARGETS**
- 5. RESOURCES, ROLES, RESPONSIBILITIES, ACCOUNTABILITY AND AUTHORITY**
- 6. COMPETENCE, TRAINING AND AWARENESS**
- 7. COMMUNICATION, PARTICIPATION AND CONSULTING**
- 8. DOCUMENTATION & DOCUMENT CONTROL**
- 9. PERFORMANCE MEASUREMENT & MONITORING**
- 10. ACCIDENTS / NON CONFORMANCES / SPECIAL RECOGNITION**

# SAFETY:



1. PPE
2. FIRE EQUIPMENT
3. PLANT
4. FALL PROTECTION
5. LADDERS, STAIRWAYS, PLATFORMS, FIXED LADDERS AND SCAFFOLDING
6. PRESSURE VESSELS
7. TOOLS
8. SIGNS AND NOTICES
9. ELECTRICAL ILLUMINATION
10. NOISE
11. HOUSEKEEPING
12. ERGONOMICS
13. HAZARDOUS CHEMICALS, SUBSTANCES AND AGENTS
14. CONTRACTORS
15. EMERGENCY PLAN
16. FIRST AID EQUIPMENT

# HEALTH:



**1.HIRA**

**2.MEDICAL**

**3.HYGIENE**

# TRANSPORT:



- 1. ROAD TRANSPORT**
- 2. MOTORISED MOBILE EQUIPMENT**
- 3. OIL AND FUEL MANAGEMENT**



# ENVIRONMENT:



- 1. WASTE MANAGEMENT**
- 2. ENVIRONMENTAL LEGAL COMPLIANCE**

# QUALITY:



- 1. SANS STANDARDS (SANS 878:2004)**
- 2. BASIS OF PURCHASE**
- 3. CONTRACT**
- 4. MATERIALS**
- 5. MEANS AND ACCURACY OF MEASURING MATERIALS**
- 6. PLANT AND EQUIPMENT**
- 7. PRODUCTION AND DELIVERY**
- 8. DELIVERY NOTES**
- 9. SAMPLING AND TESTING**

**IF WE CHANGE  
NOTHING,  
NOTHING  
WILL CHANGE.**



MAKE THE CHANGE TO QUALITY CONCRETE!





„I am compelled, not to squeak like a grateful and apologetic mouse, but to roar like a lion out of pride in my profession”  
- John Steinbeck

