

HSE MS

India

Rigless Operations

Schlumberger

Wilmer Capote
Snr. Operations Integrity and HSE Mgr.



Agenda

- HSE Strategy
- Commitment and Leadership
- Risk Management
- Contractor Management
- Continuous Improvement
- Behavior Engineering Methodology
- Milestones, Achievements & Recognition Program
- Q&A

HSE Strategy



Leadership

LM and Supervisors leading the path of HSE

Alignment

Full compliance with local and Client regulations

Engagement











Equal support to employees and contractors











Behaviors

Identify, measure and improve critical behaviors

Commitment and Leadership

- Massive representation of Line Management in HSE activities from SLB, Contractors and Client to: Safety day, Stand Downs, HSE Campaigns
- Participation of Line Management and Supervisors in HSE leading Indicators
- Line Management and Supervisors involvement in Audits, Incident Investigation and Lessons Learns sharing

WCS Management- HSE Leadership scorecard				
June 4, 2020				
Key leading activities (YTD)	Target 2020	May End Target		
			Feraz Hosein	Wilmer Capote
			WCS	WCS
			Program	Program
Field or Facility visits*	12	5	8	5
HSE Reports (RIR and OI) **	52	22	25	27
Overall Training Coefficient	95%	95%	100%	98%
				
			Manuel Centeno	Thavaraj Lambo
			WCS	WCS
			Program	Program
Field or Facility visits*	12	5	10	7
HSE Reports (RIR and OI) **	52	22	27	28
Overall Training Coefficient	95%	95%	97%	100%
				
			Alakh Bajaj	Piyush Kumar
			WCS	WCS
			Program	Program
Field or Facility visits*	12	5	7	11
HSE Reports (RIR and OI) **	52	22	22	23
Overall Training Coefficient	95%	95%	100%	97%
				
			Ved Prakash	Rajat Kumar
			WCS	WCS
			ABH-RDG	RJ-VNV
Field or Facility visits*	12	5	7	7
HSE Reports (RIR and OI) **	52	22	22	22
Overall Training Coefficient	95%	95%	100%	99%
				
			Milind Kumbharkar	Milind Kumbharkar
			WCS	WCS
			Program	Program
Field or Facility visits*	12	5	13	13
HSE Reports (RIR and OI) **	52	22	26	26
Overall Training Coefficient	95%	95%	100%	100%

WSL Rigless - HSE Leadership scorecard				
June 17, 2020				
Key leading activities	Target 2020	May End Target		
			Douka Adjia Idriss	Nelson Javier
			PRS	PRS
HSE Reports (RIR and OI)	52	22	22	25
Overall Training Coefficient	95%	95%	97%	97%
				
			Govindan B.	Godghate Dhiraj
			PRS	PRS
HSE Reports (RIR and OI)	52	22	27	26
Overall Training Coefficient	95%	95%	100%	99%
				
			Mathew Shibu	Mathew Shibu
			PRS	PRS
HSE Reports (RIR and OI)	52	22	31	31
Overall Training Coefficient	95%	95%	99%	99%
				
			Yash Bhatt	Parikh Sood
			PRS	PRS
HSE Reports (RIR and OI)	52	22	22	24
Overall Training Coefficient	95%	95%	95%	99%
				
			Vivek Sharma	Nikari Pravin
			PRS	PRS
HSE Reports (RIR and OI)	52	22	23	39
Overall Training Coefficient	95%	95%	99%	95%



Commitment to Life Saving Rules

and

Fatal Risk Standard



My Personal Commitment to Schlumberger Life-Saving Rules & CAIRN Fatal Risks Standard

If you choose to break a Schlumberger Life-Saving Rule or CAIRN Fatal Risk Standard, you will not work within Schlumberger Operations.

Sign Here:

- 1. Assess and control risk in our operations.
- 2. Comply with permit to work and isolation requirements.
- 3. Restrict access to hazardous areas.
- 4. Wear appropriate personal protective equipment.
- 5. Plan and protect from falling when working at height.
- 6. Prevent dropped objects.
- 7. Care for low seniority employees.
- 8. Prevent accidental releases of hazardous materials or energy.

FATAL RISKS

- 1. UNSTABLE SUBSTRATE
- 2. UNSTABLE OR GROUND CONDITIONS
- 3. VEHICLE & ROAD SAFETY HAZARDS
- 4. CRANE & LIFTING HAZARDS
- 5. CONFINED SPACE HAZARDS

Protect Yourself Practice Fatal Risk Controls

Signatures: [Handwritten signatures]

1. Kishor Kumar
2. Pravin Ram
3. Praveen (Head-TO)
4. Murali (S.D.E)
5. Ashish (Geologist)
6. Chaitan Dhanraj
7. Bhupendra Bhandari
8. Mahesh Lal
9. Reemul Ram

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Schlumberger Life-Saving Rules

- 1. Respect and obey the safe working rules.
- 2. Assess and control risk in our operations.
- 3. Comply with permit to work and isolation requirements.
- 4. Restrict access to hazardous areas.
- 5. Wear appropriate personal protective equipment.
- 6. Plan and conduct safe mechanical lifting operations.
- 7. Plan and protect from falling when working at height.
- 8. Prevent dropped objects.
- 9. Care for low seniority employees.
- 10. Prevent accidental releases of hazardous materials or energy.

CAIRN Fatal Risks Standard

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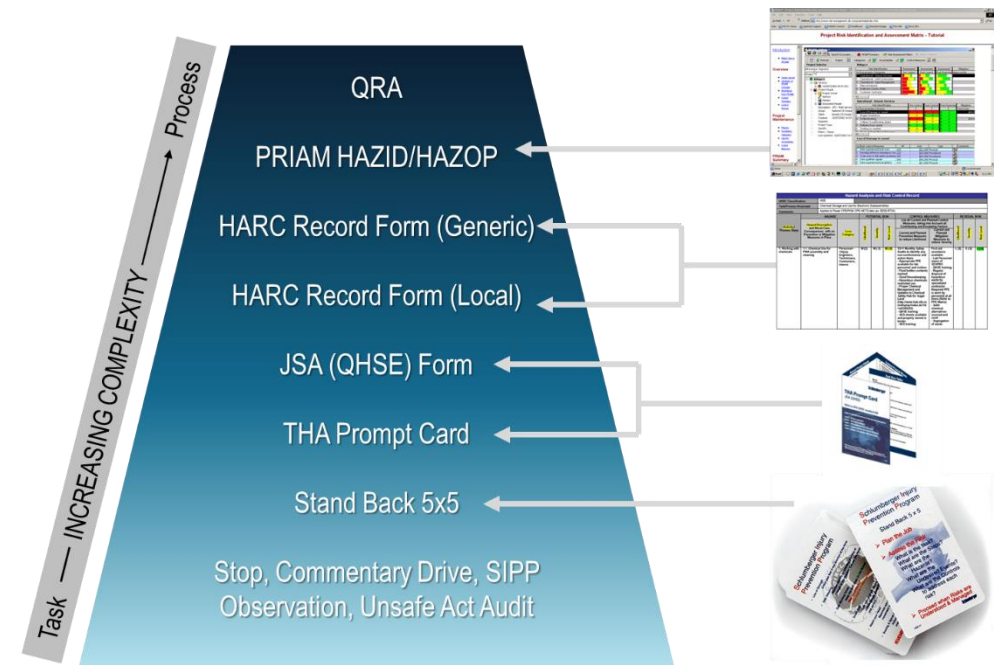
Protect Yourself Practice Fatal Risk Controls

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Risk Management

- Risk Register : High level risk prioritization and plan
- HAZOP : Critical process safety involved operations, for example Condensate Stabilization (Rigless Ops)
- HARC & MOC: Hazard Analysis and Risk Control for critical activities. Management of change for unplanned modifications of the program / activities
- JSA, PTW , TBT (Too Box Talk), TOFS (Time Out for Safety), Stand Back 5x5 : Risk Controls for Routine and Non-routine operations
- SIMOPS : HSE Controls for simultaneous operations in the same pad



Contractor Management

- Contractor Engagement : bottom up approach
- Clear HSE plan for contractors
- Common HSE KPOs
- Training and Competency : Training Matrix
- Regulatory Compliance : Zero Tolerance
- Contractor performance reviews

Our Focus

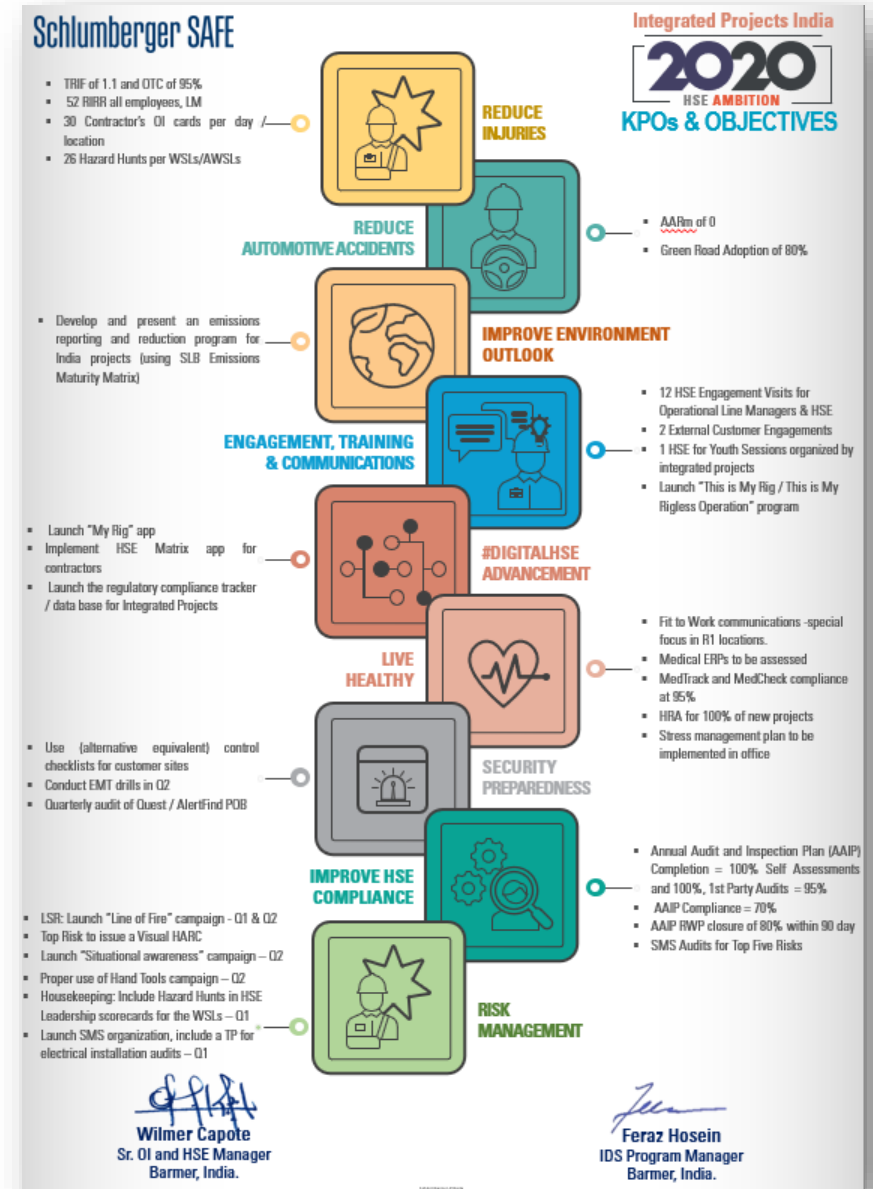


Training Matrix

Project Training Matrix		External Training									Client Training		Schlumberger Certified Training						
Training Course/Requirement		IWCF Supervisor	IWCF / IADC Driller	RIG PASS	First Aid L2	Fire Fighting	H2S L2	Authorised gas tester	Crane Operator Certification	Forklift Operator Certification	Permit to work (CAIRN)	Defensive driving training (CAIRN)	SLB Driving Training (LV)	SLB Bus Driving Training (HV)	Banksman Training	Rigging & Slinging	Onshore Mobile Crane Supervisor	HSE Leadership	SIPP
Responsible Part		TP	TP	TP	TP	PM	TP	TP	TP	TP	CAIRN	CAIRN	HSE Coord	HSE Coord	HSE Coord	HSE Coord	HSE Coord	HSE Coord	HSE Coord
Validity		2 Y	2 Y	1 Y	2 Y	2 Y	1 Y	1 Y	3 Y	3 Y	2 Y	1 Y	1 Y	Perm	3 Y	3 Y	3 Y	5 Y	Perm
ID	Name																		
203298	Subrat Kumar Nayak	10-Oct-17		x	x	x	x				x				x	x	x		x
201614	Eswara Rao	10-Jul-18		x	x	x	7-Mar-19				7-Mar-19				x	x	x		x
203428	PadmaKumar P	28-Sep-18		x	x	x	7-Mar-19				7-Mar-19				x	x	x		x
500008	K K MISHRA	22-Dec-18		x	x	x	x				x				x	12.05.19	x		x
202787	Rajesh Kumar Singh		27-Jul-18	8-Aug-18	4-Aug-18	2-Aug-18	7-Mar-19								9-Aug-18	9-Aug-18	x		9-Aug-18
202538	AVANISH KUMAR SHARMA		26-Oct-18	x	x	2-Aug-18	x								x	x	x		x
500098	M.P.SINGH		14-Sep-18	8-Aug-18	4-Aug-18	2-Aug-18	x								9-Aug-18	12.05.19	x		9-Aug-18
201228	RAHUL BAROT		20-Dec-18	8-Aug-18	4-Aug-18	x	7-Mar-19								x	x	x		x
202578	Sagar padval		30-Jan-18	8-Aug-18	4-Aug-18	2-Aug-18	7-Mar-19	7-Mar-19							x	x	x		x
202758	sanjaykumar shukla		2-Jun-19	8-Aug-18	4-Aug-18	28-May-18	7-Mar-19	7-Mar-19							x	x	x		x
202178	mahaveer singh		26-Apr-19	8-Aug-18	4-Aug-18	x	x	x								12.05.19	x		x
202758	amandeep singh		2-Feb-18	8-Aug-18	4-Aug-18	x	x	x									x		x
202707	Jaswant Chaudhry		26-Jan-18	8-Aug-18	4-Aug-18	2-Aug-18	x	x							9-Aug-18	12.05.19	x		9-Aug-18
202067	Jasveer Singh			8-Aug-18	4-Aug-18	x	7-Mar-19								9-Aug-18	9-Aug-18			9-Aug-18
202708	Ramesh bhai Prajapati			8-Aug-18	4-Aug-18	1-Aug-18	x								9-Aug-18	12.05.19			9-Aug-18

Continuous Improvement

- HSE Performance reviews
- Daily review of KPOs : STOP cards, drills, hazard hunts, PTW, etc.
- Regular Inspections
- TP inspections : TP Equipment Commissioning, DROPS surveys, Lifting Equipment
- Common action tracker with contractors and client
- Weekly field HSE meetings with client and major contractors



Behavior Engineering Methodology

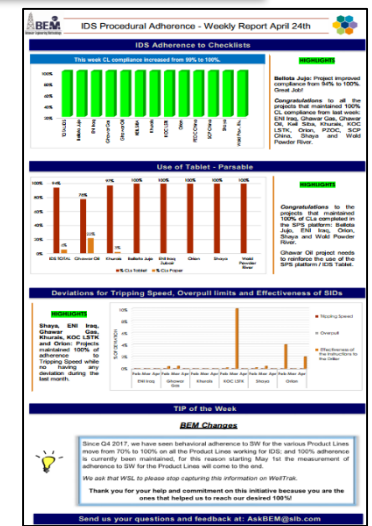
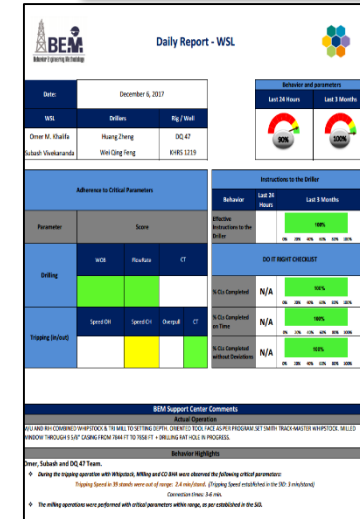


Behavior Principles

- Lawful, not random
- ABC Contingency
- Influenced by Environment



Data Analysis and Feedback Reports



- ✓ Identify critical behaviors for activities with more incident frequency
- ✓ Target few but high impact behaviors
- ✓ Methodic observations and analysis to produce meaningful interventions

HSE Recognitions



MARCH-2020 Safety Performance Recognition PRS Rigless India- RDG



Best SLB RIR/OI

NAME: Bijayananda Swaro
POSITION: CTS- Equip. Operator



Brief Description of Observation:

One TP Person was entering in barricaded area while WL team arming the gun, Stop and advised him not to go in this area.

Best Stop Card

NAME: SHANTANU DATTA
POSITION: - TCI- DAQ



Brief Description: LPG cylinders were kept close to the flare stack, call the crew increased the pipe length to keep the cylinder at safe distance

Top Reporter

NAME: KETAN GUNJAL
POSITION: TLM- Mechanical Technician



Brief Description: -
TOTAL 40 STOP Cards



Safety Performance Recognition- MARCH-2020 PRS Rigless India- RDG

Schlumberger
HSE Reporting Recognition



- ✓ Quality and Quantity of STOP Cards awarded
- ✓ All contractors and employees can participated
- ✓ More than 350 contractors and employees awarded in 2019!



Questions and Answers