



the power of the drop
THE ENERGY TO TRANSFORM

QATAR
SUPPLYING  MILLION TONNES
OF LIQUEFIED NATURAL GAS PER ANNUM

RasGas Sub Surface Safety Stats Q2 & Q3 2010

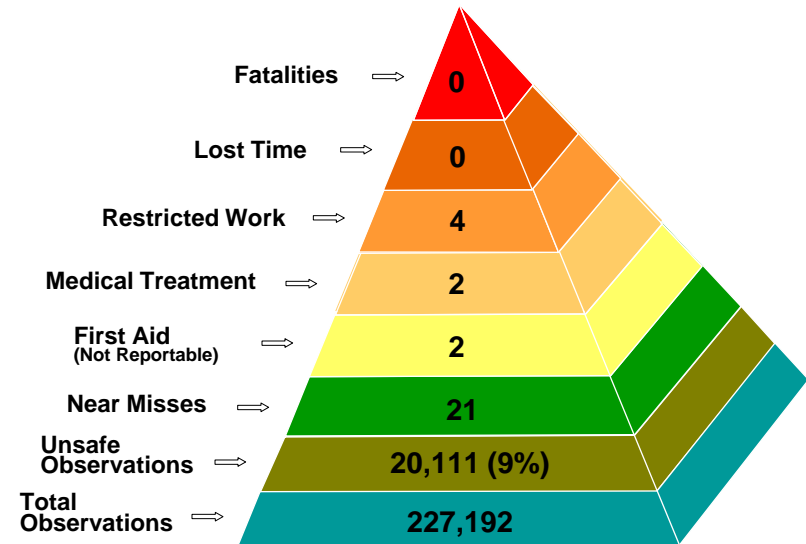
Safety, Health & Environment

- Consecutive Pain Free Days through end Q3 2010:

	NJP	E94	E88	Base	Marine
Q3 2010	28	380	32	281	126

- EnSCO 94 accomplished 4 years TRI free and over 380 days Pain free
- Shorebase accomplished 9 years TRI free and 13 years LTI free
- Continued with "Hands Off" Safety Campaign inline with RasGas Global Glove Guidelines
- Conducted Hazard Recognition Plus (HRP) Training for Dalma Land Rig and Marine Vessel crews
- HACCP Implementation and Inspections on Hygiene/Food Handling for all food contractors
- Safety Leadership Program for Shorebase and Dalma Land Rig crews
- Heat Index Monitoring for Offshore and Onshore Operations (no heat related incidents YTD)
- Launched Hand Safety Re-Focus Training Sessions
- Dangerous Goods Basic Awareness Training and Hazardous Chemical Awareness Training for all Operations Support personnel
- Over 2.3 Million Man-Hours Worked in 2010 YTD

Safety Pyramid - End Q3 2010



End Q2 2010

End Q3 2010

	End Q2 2010	End Q3 2010
STOP Observations	146,297	227,192
Lost Time Incident Rate (LTIR) (per 1,000,000 hrs)	0.00	0.00
Total Recordable Incident Rate (TRIR) (per 1,000,000 hrs)	2.00	2.66
Total Hurt Incident Rate (THIR) (per 1,000,000 hrs)	3.33	4.43

YTD Recordable Incident Summary

RWI – Dalma Land Rig (16 May 2010)

- While pulling out of the hole the derrickman was in the process of pulling back a stand of drill pipe. The pull back chain had been wrapped around the pipe & the elevator door had been opened but the pipe was not free of the elevators. The IP was attempting to push the pipe, with his left hand on the pipe, to the right side of the center board. At this time the driller floated the links which caused the elevators to release from the pipe & tilt downwards. When the elevators tilted downward the IP's left index finger was pinched between the elevator horn & the pipe.

Learnings:

- Drillers & derrickmen to be reminded that derrickman has the final say on movement of the TDS whilst he is removing the pipe from the elevators.
- Remind all derrickmen to ensure they use correct hand placement & not to have hand on drill pipe at any time during unlatching of the elevators.
- Review Noble/QG "Speak Up" video at Dalma Rig #4 location with all crews at regular safety meetings.

RWI – Dalma (08 July 2010)

- The IP latched the pipe spinner & pressed the lever to take out the slack in the snub line of the pipe spinner. In doing so, it appears the lever was pressed a bit more than required & the spinner moved towards the IP. The IP had not comprehended - so fast a reaction from the spinner. The pipe spinner bounced back & hit his right shoulder. The impact from the pipe spinner caused the IP to lose balance and fall on top of test plug. The IP sustained a hairline fracture on L3 vertebra.

Learnings:

- Remind all Floorman to ensure they use correct body placement & slow operation of the pipe spinner lever to take out the slack in the snub line – discuss with all floormen, including reliefs.
- Supervisor must ensure that any personnel with suspected back injury or suspected fracture be carried on stretcher/spine board only.

YTD Recordable Incident Summary

- continued

RWI – Noble Jimmy Puckett (01 September 2010)

- Crews were breaking out the bottom hole assembly. On one connection the Assistant Driller (AD) tried to help one roughneck to set the back-up tong by positioning himself in between the back-up & breakout tongs by holding the outside hanger handle of the back-up tong while the other roughneck pushed back the breakout tong to make a bite. The AD's right middle finger was pinched between the body of the breakout tong & the hanger of the back-up tong. The tip of his finger received a cut approximately 5mm long. The AD was wearing a Kong gloves at the time of the incident.

Learnings:

- Color code the handles of the make-up & break-up tongs. Remove outer handle in tongs.
- Paint red the "No Go Zone" where the rig tongs meet in the rig floor.
- Ensure snub line is the proper length for both make-up & breakout operations.

RWI – Noble Jimmy Puckett (16 October 2010)

- The Assistant Rig Manager(ARM) was on rig floor after replacing the saver sub and had the pipe guided back in place, the air was then turned on for the Top Drive, energizing the air bladder. The air bladder on the torque tube did not travel fully and the Assistant Driller(AD) tried to free it without success. The ARM pointed with his index finger to show the AD that the airbag had not fully released yet (ARM stuck his right index finger in the travelling slot), at that moment the bladder inflated fully amputating the end of his right index finger just below the finger nail.

Learnings:

- The Rig Manager shall inform all the supervisors that if something does not work as planned to stop the job.
- The Rig Manager shall ensure that any repairs or replacement parts required are communicated to the respective departments for processing.
- The STS shall ensure that the additional hazard that occurred from this unplanned event and controls are added to the JSA (HRP).



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