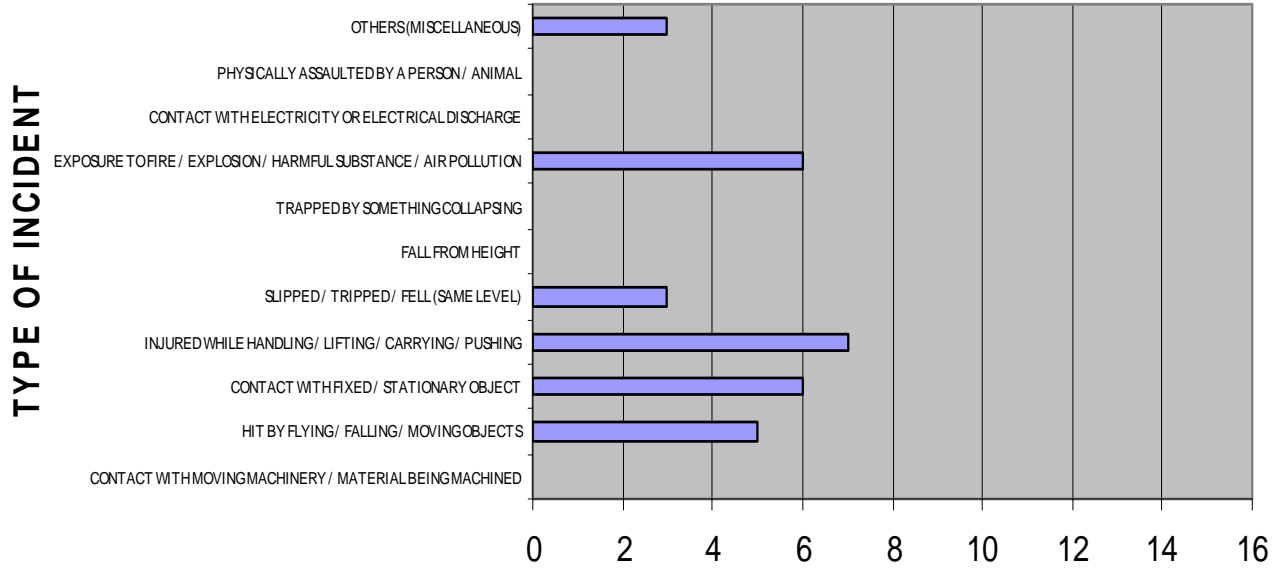
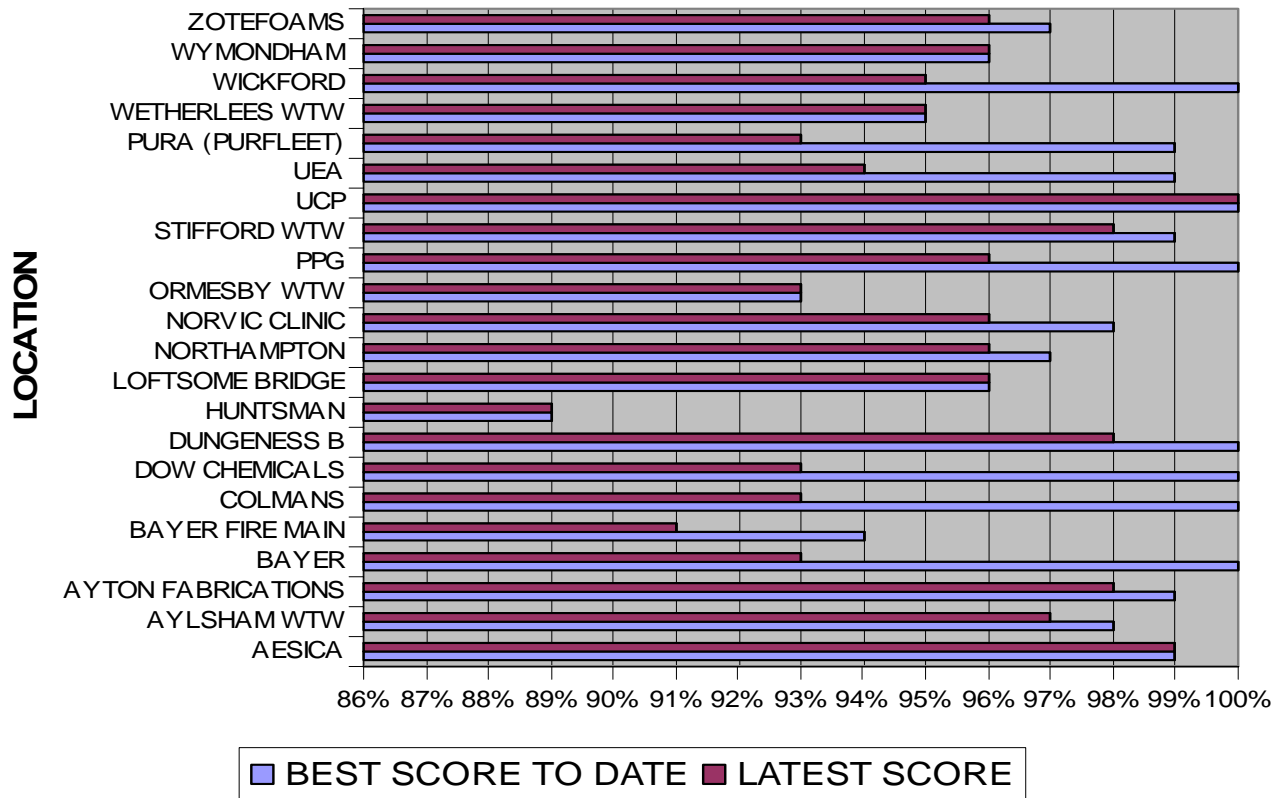


Incident Occurrence's and Safety Chart

INCIDENT OCCURRENCES FROM END OF DECEMBER 2005 TO END OF DECEMBER 2006

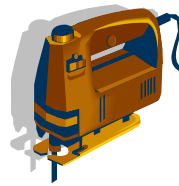


SAFETY AUDIT SCORES 2006-2007



**Thank you to those people
who have participated in
this newsletter**

Steve Cleveland Safety Audit & Incident Occurrences
Dave Todd - Holidays
 Safety Harnesses
 Hand Arm Vibration
Tim Moorse - Pairs Golf Challenge
Graham Newman Welcome Back Rob
 New Contracts On the Horizon.
Barry Edwards- Customer Surveys,
 Good News.



Hand Arm Vibration - Update

All tools which are used by our employees which present a risk, because they produce a degree of vibration have been identified.
 They are:

- Drills:** Drilling holes in metal and concrete, polishing and de-burring.
- Magnetic Drill** Drilling holes (by milling)
- Grinding:** Cutting, Grinding, Brushing steel.
- Die grinder:** Internal grinding of steel.
- Chop saw:** Cutting steel pipe.
- Impact wrench:** doing up and undoing Nuts and Bolts.
- Threading Machine** Threading Pipe (Hand held & mounted on a stand).
- Jigsaw:** Cutting sheet steel.
- G F Cutter:** Cutting steel pipes.
- Reciprocating saw:** Cutting steel pipes.

Having identified these items, all the relevant Risk Assessment was modified to include the Hazard of Vibration and the preventive and protective measures to eliminate or control the hazard.

We then found a company (Builders Equipment) who could carry out some 3 point axis test on all our equipment. Unfortunately this company stopped providing this service. We are in the process of sourcing an alternative.

In the meantime we have investigated data from a number of sources including:

Tool Manufactures: Bosch, Hilti, Makita, Milwaukee
 Hire Companies: Gap, Hewden, Brandon, Speedy, Hss
 and the web site: www.operc.com Which is a Hand-Arm Vibration Test Centre. This Centre is looking at running a test on all vibrating equipment, so more useful and relevant information will be available in the future.

Having looked at this information we put the hire companies' data with our data to find an average m/s2 reading for all identified equipment. Using the HSE Hand-arm vibration exposure calculator and the Green/Pink/Red colours for low, medium and high risk activity. You will notice from the chart adjacent that none of the units come in to the high category. Most of the Units are in the low category. Which means they can be used for up to 8 hours in any working day, the worst readings as you would expect is for hammer drills when drilling into concrete, this still allows for 2 hours use throughout the day.

Going on from these findings we are now measuring trigger times. Early findings show Daily usage is lower than expected the highest being 141 minutes and the lowest being 9. The average daily use is 60 minutes. More measurements are being taken as we speak, so these figures will change.

PRUCE NEWMAN PIPEWORK LIMITED				
Combined hire and tested units analysis				
Description	Hire	PNP Test	Aver	Max Hours Used
Rex Threading Machine	-	1.25	1.25	> 24hrs
Prepping Tool		1.82	1.82	>24hrs
Magnetic Drill	3	0.9	1.95	>24hrs
Die Grinder	2.5	2.44	2.47	>24hrs
Nibblers	2.5		2.50	>24hrs
Cut Of Saw	2.5	2.84	2.67	>24hrs
Pipe Threader Hand Held	2.5	3.04	2.77	>24hrs
2 Speed Drill (metal)	2.5	3.76	3.13	20hrs 25mins
4 1/2 Grinder	3.5	3.71	3.61	15hrs 21mins
Cordless Drill	2.5	4.87	3.69	14hrs 41mins
Jigsaw	4.4	4.25	4.33	10hrs 40mins
7/9 Grinder	5.9	3.39	4.65	9hrs 15mins
GF Cutter	-	5.81	5.81	5hrs 52mins
Impact Wrench	6.6	6.4	6.50	4hrs 44mins
Reciprocating Saw	7.3	11.28	9.29	2hrs 19 mins
Hammer Drill	-	8.62	9.41	2hrs 16mins

