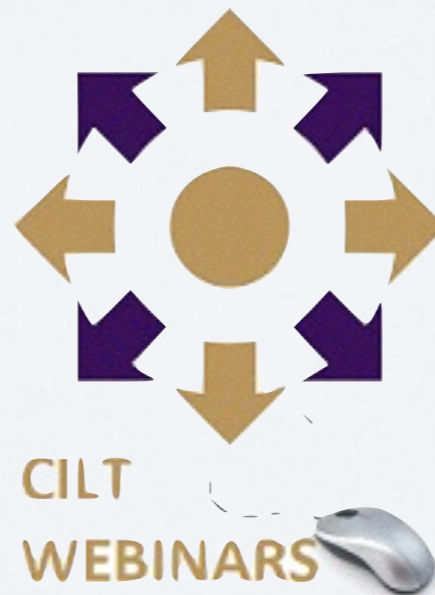




DATA CAPTURE TECHNOLOGY

Ensure Compliance, Increase Consistency & Reduce Costs



Does this look familiar?

MACMAHON

FLEET No. 6307 SITE Tropico

SMU/ODOMETER START 7308.5 FINISH 7315.9 SHIFT D A N

PERCUSSION Hour Meter LH _____ RH _____ DATE _____

CRITICAL CHECKS

If any of the following critical components are found to be defective the equipment is to be Tagged out and reported immediately. It shall not be operated until the fault has been rectified

<input checked="" type="checkbox"/> Emergency shutdown & isolation	<input checked="" type="checkbox"/> Mirrors / Windows / Washers
<input checked="" type="checkbox"/> Tyres / Rims / Studs / Tracks	<input checked="" type="checkbox"/> Emergency exits / Door operation
<input checked="" type="checkbox"/> Fuel system hose condition/leaks	<input checked="" type="checkbox"/> Operator warning systems & alarms
<input checked="" type="checkbox"/> Hydraulic system hose condition/leaks	<input checked="" type="checkbox"/> Communications/Two Way
<input checked="" type="checkbox"/> Fire Extinguishers Tag / Date	<input checked="" type="checkbox"/> Service brake / Retarder
<input checked="" type="checkbox"/> Fire suppression systems	<input checked="" type="checkbox"/> Emergency / Park brake
<input checked="" type="checkbox"/> Seating & seatbelts	<input checked="" type="checkbox"/> Steering
<input checked="" type="checkbox"/> Implement lock outs	<input checked="" type="checkbox"/> Horn / Reverse Alarm
<input checked="" type="checkbox"/> Broken/Damaged Grease Lines	<input checked="" type="checkbox"/> Steps & handrails

FLUID LEVELS

<input checked="" type="checkbox"/> Fuel Level	<input checked="" type="checkbox"/> Engine oil
<input checked="" type="checkbox"/> Hydraulic Oil	<input checked="" type="checkbox"/> Steering Oil / Brake oil
<input checked="" type="checkbox"/> Transmission Oil	<input checked="" type="checkbox"/> Engine Coolant (Sight glass check only)

CONDITIONAL CHECKS

<input checked="" type="checkbox"/> Tray/bucket/GET	<input checked="" type="checkbox"/> Air filter restriction indicator
<input checked="" type="checkbox"/> Stabiliser Jacks/Suspension system	<input checked="" type="checkbox"/> Exhaust system leaks
<input checked="" type="checkbox"/> Signs/Labels / SWL	<input checked="" type="checkbox"/> Air leaks
<input checked="" type="checkbox"/> Booms/Concrete Retainers	<input checked="" type="checkbox"/> Visible wiring condition
<input checked="" type="checkbox"/> Machine attachment / chassis cracks	<input checked="" type="checkbox"/> First aid kit
<input checked="" type="checkbox"/> Lifting attachments, Slings, shackles, hooks	<input checked="" type="checkbox"/> Cabin condition - cleanliness

OPERATIONAL CHECKS

<input checked="" type="checkbox"/> Drain water from air tanks	<input checked="" type="checkbox"/> Operational functions
<input checked="" type="checkbox"/> Vehicle loading crane (E.g. Kevrek)	<input checked="" type="checkbox"/> Air conditioning
<input checked="" type="checkbox"/> Lights / Warning light / Beacon	

UNDERGROUND SPECIFIC CHECKS

<input checked="" type="checkbox"/> Long life self-rescuer	<input checked="" type="checkbox"/> Jumbo zoom tube cap screws
<input checked="" type="checkbox"/> Basket drift (Max 50mm in 10 min)	

DEFECT LIST

Defect/Problem	Supervisor Comment	Date
<u>Reading Light globe down.</u>		

Start of Shift, walk around damage identified	Time	Signature
<u>Nil</u>		

End of Shift, walk around damage identified	Time	Signature
<u>Nil</u>		

Signed _____ OPERATOR Signed _____ OPERATIONS SUPERVISOR

Library Ref: P-321 Revision Date: 23-Oct-13



What?

- Inspections
 - Pre-Start Inspections, Safety Inspections
- Services
- Audits
- Load Sheets, Time Sheets, etc.



Why?

- Compliance
- Record of activity/Audit Trail
- Consistency



Digital Data Capture Technology
replaces any paper based
inspection, audit or checklist in
your organisation with an easy to
use app to significantly reduce
costs and unlock information
buried in paper forms.





Design



Print



Delivery



Completion



Collection



Data Entry



Archiving

\$10-\$70 per page





Real-time Reporting
Data Analysis
Alert Notification

Checklists
submitted
automatically
& wirelessly



Demo



Reduce Data Entry

Increase Compliance

Paperless

Reduce Mistakes

Affordable

Modern easy to use Data Capture

Auditable

Management Information



Reduce Data Entry

- Instant capture of information
- Interpretation and entry of hand written forms reduced
- Reduced chance of error
- Increase administrative efficiency



Speed of information

- Data travels straight from user to system
- Transfer of paperwork takes days
- Electronic transfer takes seconds
- Real time information
- Data being collected has more relevance



Compliance

- Improved quality of data
- Enhanced ability to ensure procedures are being followed
- Greater capacity to track data and enforce policies
- Better visibility to supervisors



Consistency

- Standardising order of inspections
- Improve quality of inspections
- Enhanced safety through standardisation
- Greater efficiency of servicing by improving process flow



Data Analysis & Reporting

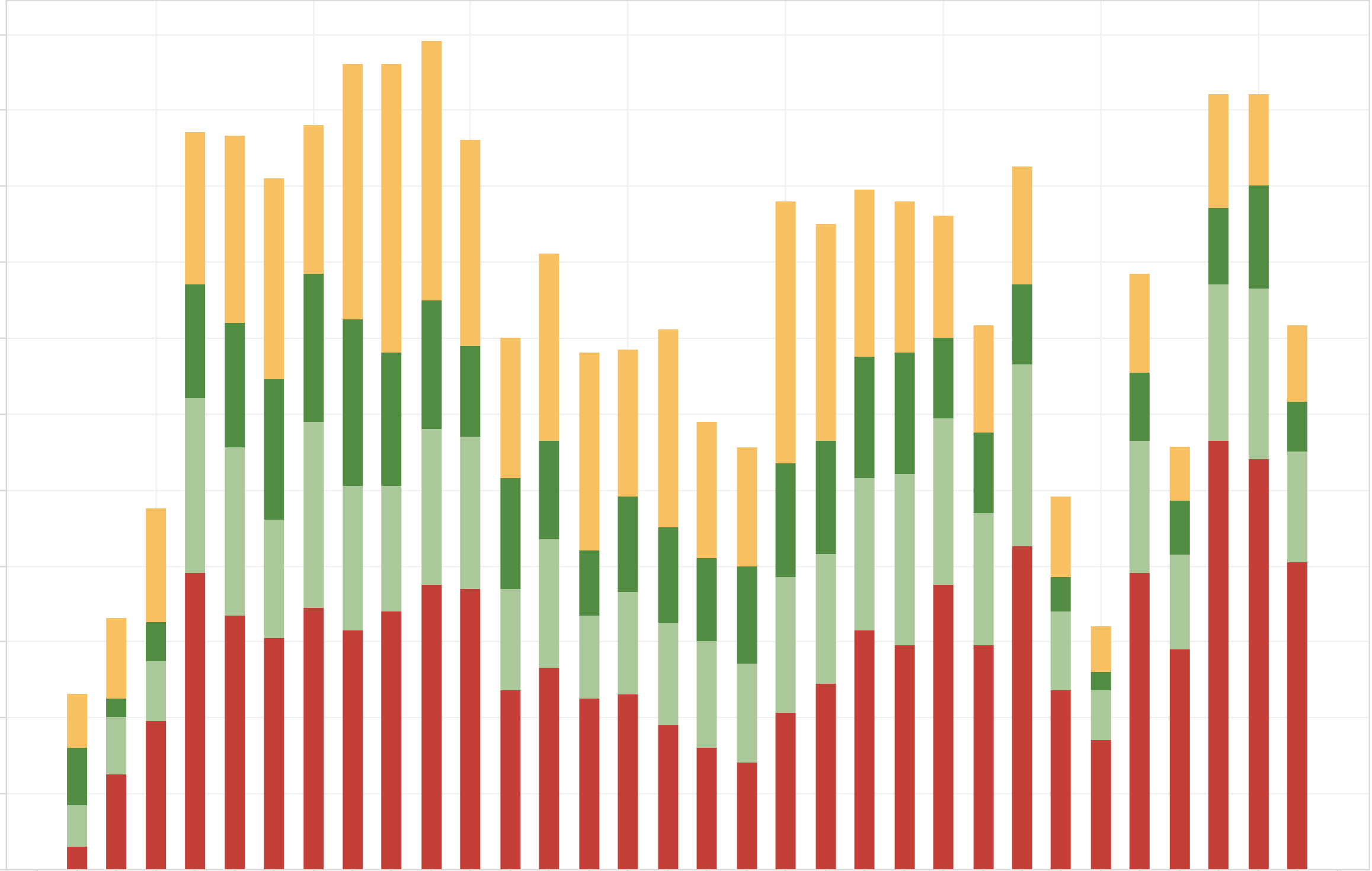
- Ability to analyse and report on data trends that would've previously been inefficient to track
 - e.g. Duration, Time of Day, Frequency, Common Recurring Faults, Location, etc.
- Identify training opportunities



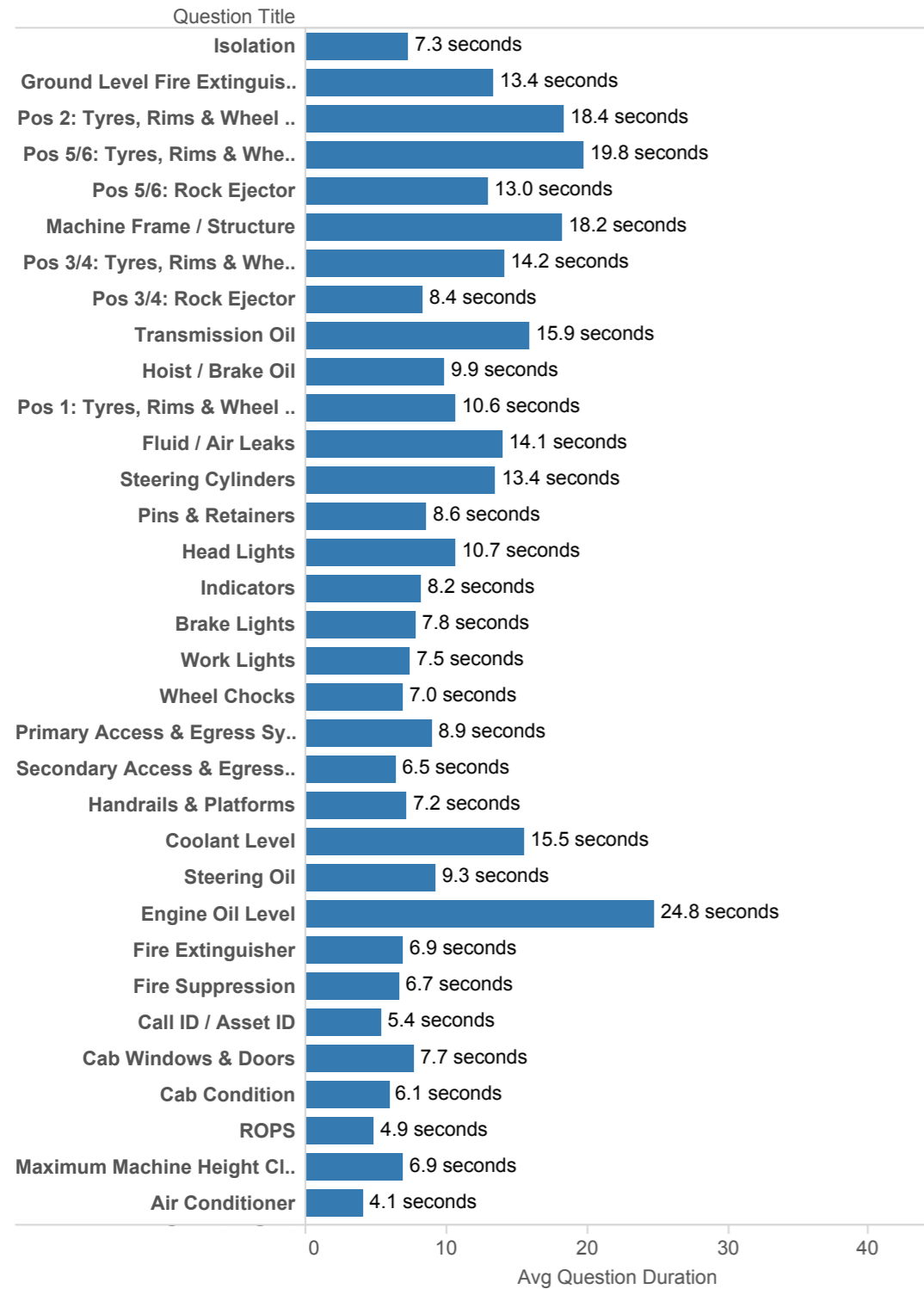
Duration Bands

- >15min
- 10-15min
- 5-10min
- <5min

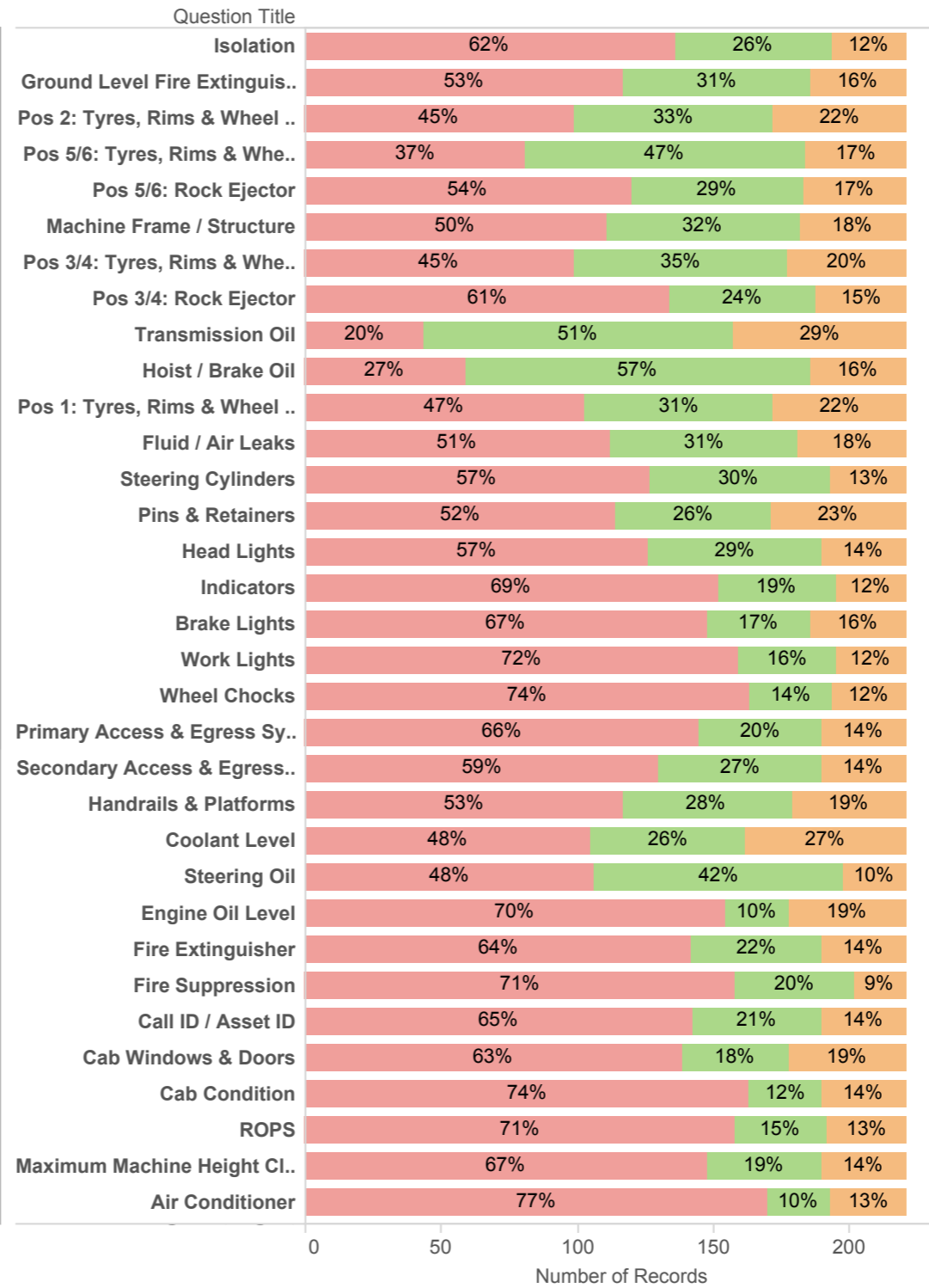
of Tests



Avg Question Duration



Question Bands



Checklist
Pre-Start - Dump Truck - 777
v2

Question Bands

- Over
- OK
- Under

Tolerance
50%



Demo



- Compliance

- Assurance checklists are completed timely & accurately

- Consistency

- Doing the right thing, the right way, all the time

- Cost

- Reduce cost of managing paper by up to 94%





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