



Date: March 12, 2009

To: Tom Folkers

Bob Freund

cc: Lucy Ziurys  
Jeff Kingsley  
Karen Kenagy  
Russ Warner  
Frank Demer

From: Dale Webb

Re: SMT Site Safety Inspection  
March 11, 2009

## **SUMMARY**

On Wednesday, March 11, 2009 a safety inspection was made at the SMT telescope by Dale Webb, Bob Freund, Joe James, and Bob Peterson. We invited Joe and Bob in order to get other opinions on some safety and some maintenance questions. Bob Freund and Bob Peterson first climbed up on the roof to photograph and inspect the doors for rust and possible holes. We then inspected each floor going down. Both of the safety infractions from the last inspection had been repaired and are considered done. The only safety item left from previous inspections is the welding of tie off points on the roof door.

Next we looked at the grout under the wheel track. There is one area where the grout has broken loose, but it has not reached a stage where it is a safety item. The consensus is that new grout or some sort of epoxy repair should be put in the places where it is has broken loose, just to keep it from deteriorating further.

For the record, Joe suggested that when the new door seals are installed, perhaps the heat tape should be installed inside the seals to increase efficiency of the tape and protect it.

The only new safety item at the site is that the new hot water heater does not have a proper drain from the pressure relief valve and to meet code, it should have. There appears to be a hole in the wall for it to be put in. The last item is that there is a large broken window, some insulation and stuff next to the container at the MGIO Base camp. Someone with authority should visit the

camp and either put the stuff in the container or pull it out and ask MGIO personnel to dispose of it.

As noted above, one item left from previous inspections is the addition of tie off points on the roof door. This was not accomplished, because there was no man lift brought in during the summer to install door seals and weld on the tie off points. It is only a safety issue if someone has to go up in this area. I think in the past they were tying off to non safety metal cables .....Not good

The crane situation is solved partially and useable but I am leaving a reference in the write up so we do not forget it. The door crane failed certification because of weight considerations and that crane has been permanently locked out with a very visible lock. It could use a tag on the hand controller stating that it is not to be used. As I understand things, the other crane has had the emergency stop replaced and has been certified for use.

**SUMMARY-SAFETY INSPECTION OF SMT TELESCOPE. Items from March, 2009 inspection are shown in bold print**

Item Noted	Abatement Date
Weld tie off attachment on door platform	<b>Same</b>
Door and outside Both cranes failed to receive certification.	<b>See writeup. One locked out. Count as Partly Done</b>
Emergency light in lower level utility room is burned out	<b>Done</b>
One light is burned out of computer room emergency light	<b>Done</b>
<b>Drain pipe to be added to the hot water tank pressure relief valve</b>	
<b>Clean area next to container at base camp</b>	

