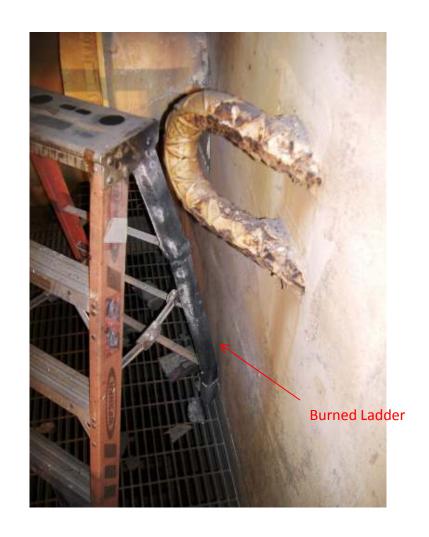
SCWI-8838-0002

- This was the result of a fire which occurred when hot metal "slag" got on a fiberglass ladder. Luckily, no one was injured, not even the guy standing on the ladder.
- Fires can occur at any time during "hot work." That's why we have a Hot Work Program.



- SCWI-8838-0002 establishes the requirements and procedures that enable us to perform "hot work" while reducing the risk of fire injuries or property damage.
- The SCWI applies to everyone at SSC.
- Includes welding/cutting operations, any "open-flame" devices, and devices that produce hot sparks during operation.

- The program is administered by the FOSC Fire Department.
- Requests for Hot Work Permits (Form SSC-68) are made to the Fire Department (228-688-3639). <u>DO NOT CALL THE EMERGENCY</u> <u>NUMBER!!!</u>
- On-duty firemen are dispatched to write the permits, and their other duties may interfere if you do not give some advance notice.

- The most common permit is the <u>daily</u> permit, which is written for the work shift.
- If you need an extended (example 1 week)
   permit, you may request it through the Fire
   Department. If you have a good case, and the
   hazards are low, you may be given an
   extended permit.

- The Fire Department determines if Safety needs to perform air sampling.
- The final approval on any Hot Work Permit is the Facility Manager or Test Operations Engineer.
- The red (carbon) copy of the permit must be kept at the job site and is part of the work package.

- "All personnel engaged in welding, cutting, sparkproducing, or heat-producing operation are responsible for knowing the exact locations of the nearest telephone and/or nearest fire alarm pull station to be used in case of an emergency."
- "The Fire Watch shall be familiar with the facility, and the procedures for alerting/notification in the event of a fire."
- "The Fire Watch shall remain on-site at the vicinity of hot work for 30 minutes after the hot work has been completed."

#### Common Pitfalls

- Workers are expected to be onsite and ready to work when the Fire Department arrives. If not, the Fire Department will leave and you will have to "get in line."
- Your fire extinguisher must be in date.
- Combustible materials in area must be removed or covered to the Fire Department's satisfaction.
- Bad insulation on welding cables may be a hazardous condition, and your request for a permit may be denied.

The second secon	SSC Hot Work Permit mplemented bySCWI-8838-0002) No.
Cate and Time lessed Expiration (	(13eto ano Time) Exact Location Permit is sesse for:
Issued To (Company) Work Author	risation Decument No. or Contract Number
Spark-producing Grinders/Tools	Operation (Flame Producing)       Welding     ☐ Oxy-fuel Cutting       Fucil Ited Heaters     ☐ Soldering       Internal Combustion Engine Used     ☐ Benzamette Total       Wilhin & 'Hezerdous' (Classified) Area.*
	fucing) but Occurring within a "Hazardous (Classifical) ng Safe Almosphado Verification (Explain Below)
responence Permut Authorizing Individual (PAI) proceptions laken. Any epacial instructions rec	<ul> <li>ATTENTION —         g, brazing, soldering, open flames, or other type of hot work, the             rice about repect the proposed work area and identify the             quired will be addressed on the back of this form.     </li> </ul>
Yes No N/A → Site Preparation —  Is installed sprinkler system in s	= Safe Atmospheric Verification = service? Percent (%) LEL
flino, Fire Department must be notified and sign	n parmit Instrument Reading:
Li la a safe atmospheric check ro: 3 year complete Sefety Engineer to record %LE	
algn permil.	☐ Initial ☐ Continuous ☐ Haus
— Precai Fire sottingulations evallable: Multipurpose	utions Within 35 ft of Work —  Water Co. Dry Chemical
Combustible materials wet down Wall and fluor openings, cracks, Cable trays and/or nonmetable to covered with fire restricts shield Combustible materials removed prevent heat francier via conduct  World  Enviloped equipment cleaned of	wire Covered with fire-existant shiptos, HVAC ducts/bhuses ds. I or covered on other eide of wells, cailings, roof, or partitions to stion or realistion. k on Enclosed Equipment —
No pressure in piping/sibrage of	
Printed last name and signature of individual	
responsible for the watch:	Printed ISST fiams and signature of individual responsible for Hot Work:
Safety Eng. printed name and signature (if requ	Fire Department primed name and signature (if required)
Facility Manager or Construction Engineer print the location noted.)	ted name and signalure (i parmit this work to be performed in
Printed name, signature, date and organization precoutions have been taken and the area to	of Permit Authorizing Inclyddual leauling Permit (f werify all proper ready for Hot Work.)
In Ca	se of Fire—Call 911
	or alch by Depressing the Emergency Alarm on Top of the Radio