



SPRINGERVILLE EPANSION PROJECT

ENVIRONMENTAL, SAFETY & HEALTH
BULLETIN No. 016

Nov. 14, 2005

RECALL **DEWALT GRINDING WHEELS**

**TO ASSURE QUALITY AND SAFETY ON
OUR SITE:**

**DUE TO NUMEROUS COMPLAINTS
MADE ON THE DEWALT 4 1/2" X 1/4"
GRINDING DISKS, WE ASK THAT YOU
PLEASE RETURN THEM TO THE
TOOLROOM UNTIL A THOUROUGH
INVESTIGATION HAS BEEN
PERFORMED.**

**Greg Wagner
Site Manager**



**SPRINGVILLE EXPANSION PROJECT # 24650
NEAR MISS/UNSAFE CONDITION REPORT**

A Near Miss is an incident in which a condition exists or an act was carried out that had the potential for injury, property damage, environmental release, or an adverse health exposure to take place. Because of various circumstances, the potential injury or exposure did not occur, but the potential was recognized.

Location/Elevation/Equipment	Employee Involved
SDA / Top elevation / DeWalt Grinding Disk 4 1/2" x 1/4"	Boilermakers (however after review it was
Fab Table / Ground elevation / DeWalt Grinding Disk 4 1/2" x 1/4"	Found to be a uniform issue with all craft)
Boiler building / Penthouse/ DeWalt Grinding Disk 4 1/2" x 1/4"	

Date of Occurrence	Time	Date Reported
Sat. 11/12	AM X PM	Sat. 11/12

1. What happened? (Description of Incident)

On Saturday, Nov. 12, complaints were brought to the tool room that the DeWalt 4 1/2" x 1/4" grinding discs had an elliptical wear pattern while being used. After measuring the discs remaining in the box, it was recognized that the discs were molded in an elliptical manner. Spot checks on other boxes indicated the same problem was present regardless of individual lot numbers.

Shortly after this was noted, two 4 1/2" grinders were returned to the tool room with damaged 1/4" discs. Apparently, the discs had disintegrated while being used. The discs were so tightly screwed on to the grinders that they could not be removed by hand. Safety is now in possession of these grinders.

2. What unsafe acts and/or conditions contributed to this incident? (Immediate Cause)

Grinding wheel appears to be molded off center causing wobbling of the wheel while grinding, also causing the metal to come apart from the disk in some cases heating up to the point of welding locking to the grinder.

3. What are the underlying or root causes which allowed the above factors to exist? (Contributing Cause)

Possible manufacturer defect.

**4. What actions have or will be taken to prevent recurrence? (Corrective Action)
Expected completion date of each?**

All DeWalt 4 1/2" x 1/4" disks removed from use.

Bulletin will be issued to site to warn of possible defect and removal of all DeWalt 4 1/2" x 1/4" disks from site use.

Investigated by:	Reviewed by:	Reviewed by:
Title: Toolroom manager/ Safety rep	Title: Safety Manager	Title:
Name: Jim Mullins / Jay Francis	Name: Pat Baldwin	Name:
Signature:	Signature:	Signature:

Resolution Reviewed by:

Title: PROJ. SUPT

Name: A. BROUSSARD

Signature: *A. Broussard*

Date Corrective Action Finalized:

Statement of Employee

Project Name: Springerille

Project Number: 24650

Date of Incident:

Time of Incident:

Description of Incident:

PLEASE STATE WHERE YOU WERE WORKING, WHAT YOU WERE DOING AND WHAT HAPPENED.
GIVE AS MUCH DETAIL AS POSSIBLE. TELL US ONLY WHAT YOU ACTUALLY SAW.

I WAS WORKING ON TOP OF THE FD FANS, GRINDING OFF LIFTING LUGS OFF THE SIDE WALLS OF FANS. THE GRINDING DISK WASN'T THROWING OFF SPARKS FROM GRINDER, HAD PIECES FLYING OFF DISK. I ~~STOPPED~~ STOPPED GRINDING AND LOOKED AT MY GRINDER, I SAW PIECES MISSING FROM GRINDING DISK. SO I CHECKED MY GRINDING DISK, AND THE DISK WAS TURNING ON THE MEDAL PART SO I TOOK IT OFF THE GRINDER AND TURNED IT INTO MY FOREMAN TO HAVE THE DISK TURNED INTO SAFETY OFFICE. I DON'T KNOW WHAT CAUSED THE GRINDING DISK TO SPIN ON THE MEDAL PART. IT COULD BE DEFECTIVE OR MANUFACTURE DEFECT.

Name:

Billy R. Clark

Signature:

Billy R. Clark

Date:

11-14-05

Statement Witness:

Signature:

Date: