



Controlling Liability During Construction While Accounting For Recent Hazardous Materials Regulatory Changes

How ENSURING AND <u>DOCUMENTING</u>
that people handle construction materials

"<u>SAFELY</u>" – NOT JUST "LEGALLY"
is the only way to

PROTECT EVERYONE FROM POTENTIAL HAZ-MAT EXPOSURE
and

REDUCE YOUR LIABILITY AS MUCH AS POSSIBLE.



Hazmat Removal and Demoli

8



This presentation concerns the health of workers handling hazardous materials both during construction activities and waste cleanup – and the associated liability. . .

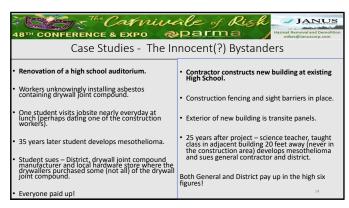
- We are going to concentrate on safety not just regulations.
- We will go over the fact that "following regulations" does not mean you are handling things "safely."
- We are going to talk about take-home hazardous materials (heavy metal and chemicals that follow you home are a danger to your family!)
- We are going to talk about long term health effects, not just the immediate health effects, of handling hazardous materials.
- And, if time allows, maybe a few other issues. . .



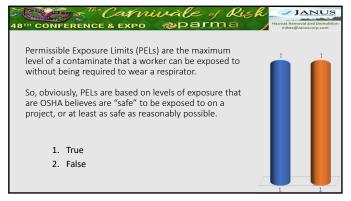


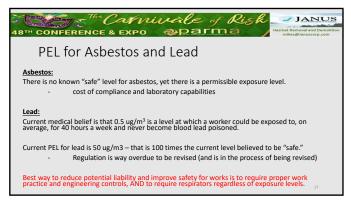


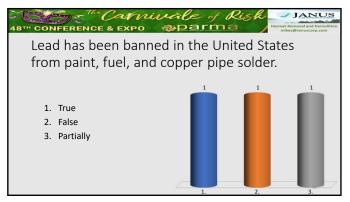






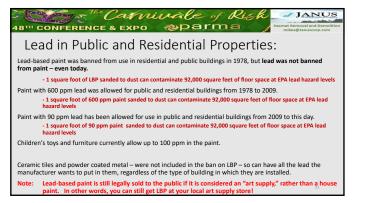




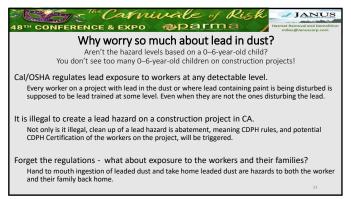








R.	Regulatory Lead in Dust	Floors	Interior	Interior	Exterior	Exterior	LEAD DUST HAZARDS JANUS
l Ri	Levels for now (1/21)	(Interior spaces only)	Window Sills	Horizontal Surfaces other than Windows	Window Trough	Horizontal Surfaces	So – how does this chart work?
%) <u>∓</u>							Let's say we are in a Pre-1978 HUD
S &	CDPH Hazard Level	40 ug/sf	250 ug/sf	250 ug/sf	400 ug/sf	400 ug/sf	Residential Property in CA, that is
30	Clearance Level (Will be reduced to match EPA levels by	< 40 ug/sf	< 250 ug/sf	< 250 ug/sf	< 400 ug/sf	< 400 ug/sf	part of the HUD Grant Demonstration Program
3	1/6/22)						CDDU IIID IIID Damaaatustiaa
600	HUD (Standard) Hazard Level	40 ug/sf	250 ug/sf	N/A	400 ug/sf	400 ug/sf	CDPH, HUD, HUD Demonstration
7 ×	Clearance Level	< 40 ug/sf	< 250 ug/sf	N/A	< 400 ug/sf	< 400 ug/sf	Program, and Federal EPA
CE & E	HUD (Specific to One Demonstration Grant Program and One						Regulations/Requirements Apply (CDPH missed their deadline!)
W N	Demonstration Loan Program)	10 ug/sf	100 ug/sf	N/A	N/A	N/A	We need to look at the lowest level
MA	Hazard Level Clearance Level	< 10 ug/sf	< 100 ug/sf	N/A	< 100 ug/sf	< 40 ug/sf	for each of the rules that apply!
, ō	EPA Hazard Level	10 ug/sf	100 ug/sf	N/A	N/A	N/A	AND DON'T FORGET THE LOCAL
1811	Clearance Level As of March 8, 2021	< 10 ug/sf	< 100 ug/sf	N/A	< 400 ug/sf	N/A	HEALTH DEPARTMENTS!



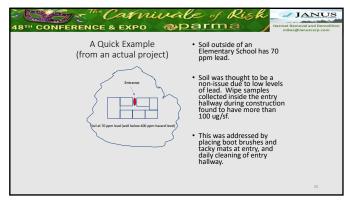
One more issue with lead.

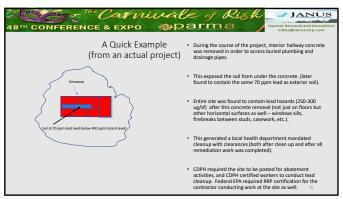
Lead Soil Samples Indicate if Lead In Soil Hazards

Exist On A Construction Site.

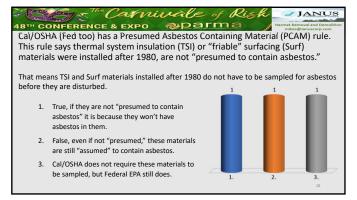
1. Of Course, that is why we sample the soil.
2. No, the amount of lead in the soil tells us nothing about the potential exposure to those disturbing the soil.
3. The amount of lead in the soil has little to no bearing on whether a lead hazard is created when the soil is tracked into a project site.

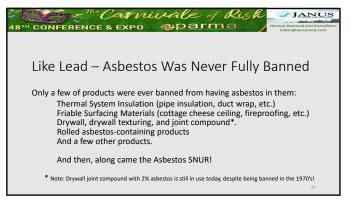
1. 2. 3.

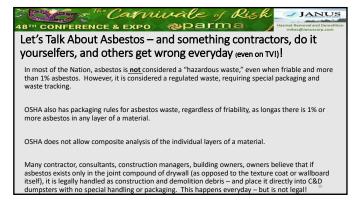


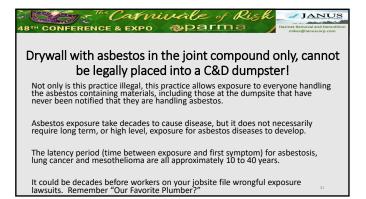








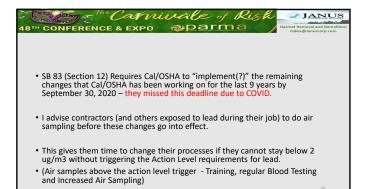


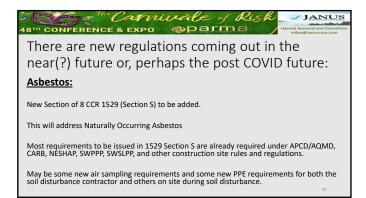


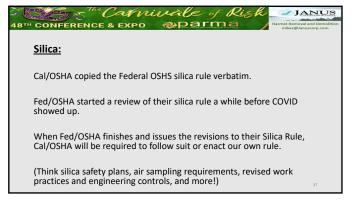


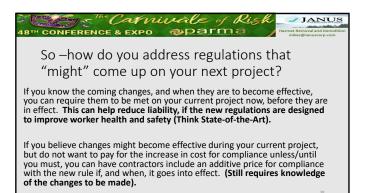


48TH CONFERENCE & EXPO PAIMA HARMER REPORT AND A HARMER REPORT AND								
There are new regulations coming out in the near(?) future or, perhaps the post COVID future:								
Lead (this one is huge, as it will affect every construction project in CA):								
Cal/OSHA is in the process of revising 8 CCR 1532.1 and 5198 (They have been at it for about 9 years now!)								
How will they revise 1532.1 AND 5198?								
Cal/OSHA Is Going to Reduce the PEL and Action Levels								
These are the biggest of the changes – but there are numerous other changes that will affect every contractor and maintenance crew out there!								
(Medical Removal, Lunch Area Wipes, Revised Trigger Tasks, etc.)								











Best Looking People In The Room! And A Couple of Lucky Guessers!											
Points	Participant	Points	Participant								
				40							

