	Compliance Safety Consulting - Program Support & Management			
San COMPANY San	fety Services Company-Sa	afety Meeting Division, PO Box	6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786	- (SAM
Company Name:		Jo	b Site Location:	لايك لايك
Date:	Start Time:	Finish Time: Fo	preman/Supervisor:	
		Topic 149: Hexava		
Introduction: H			chromium. Hexavalent chromium compounds are m	an-made and
		Major industrial sources of h		
 Chromate p 	igments in dyes, paints, i	nks, and plastics	item's surface using a solution of chromic acid	1
	added as anti-corrosive a	gents to paints,	 Particles released during smelting of ferrochro 	
	d other surface coatings		 Fume from welding stainless steel or nonferro 	
	ating by depositing chro		alloys and impurities present in portland ceme	
			g health effects: Keep MSDS's for all chromium on si	ite.
		airborne hexavalent chromiun		
) if hexavalent chromium is breathed at high levels contacts these organs in high concentrations	
			hing in high levels of hexavalent chromium can cause	e irritation to
			hing, itching, and a burning sensation.	e minution to
			e nose and result in nosebleeds. If the damage is seve	ere, the nasal
septum (wa	Il separating the nasal pas	ssages) develops a hole in it (p	perforation).	
			eriods does not cause respiratory tract irritation in mos	st people.
			inhaling chromate compounds can cause asthma	VARNING
	uch as wheezing and sho			ARKING
			evelop an allergic skin reaction, called allergic	O NOT ENTER
		ling liquids or solids containin		RSONNEL ONLY
			elling and a red, itchy rash that becomes crusty and th I more severe with repeated skin contact.	lickelled with
			lergic skin irritation. Contact with non-intact skin car	n also lead to
			porder. They heal slowly and leave scars.	i uiso ieuu to
		nt chromium as a dust, fume,		
- ·	chromate pigments and p		Applying and removing chromate containing	g paints and
	atalysts, dyes, and coatin		other surface coatings	
	ar chrome electroplating		Skin exposure can occur during direct	
	nd hot working stainles	s steel, high chrome	hexavalent chromium containing solutions, c	coatings, and
	chrome-coated metal	(cements	
			tion, personal protective clothing, and protective equip	
			e in the workplace to 5 micrograms or less per cubic m nonitoring shows employee exposure at or	
1	e	5	ulated as an 8-hour time-weighted average).	aution
				AR YOUR
		nod to achieve compliance with		SPIRATOR
			days of initial assignment, annually, and to those ex	xposed in an
			ymptoms of adverse health effects are associated with	
			0 or more days a year, and at termination of employm	
Conclusion: The	NIOSH Manual of Anal	-	or sampling and analysis of contaminants in workplace	e air.
	1 10.0	Work Site 1		
Personnel Safety	violations:		(Name	of Chemical)
Employee Sign				· · · · · · · · · · · · · · · · · · ·
Linpioyee Sig	нинн сэ.		my understanding of and agreement to comply with, all company e not suffered, experienced, or sustained any recent job-related inj	

Foreman/Supervisor's Signature:

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These guidelines do not supercede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.

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