SH.10

18. Force - lif weight	fting: fre	quency an	Ergonomic design
What do you see or notice in terr	ms of: No	te: For background info	ormation, see other side.
•frequency of lifting?			
• weight?			
In conclusion, the current situation	on	is acceptable	needs improvement
What <i>specific</i> improvements can	be made?		
Should we analyze the situation of proposed solutions in more detail		no	yes - more detail on other side





We looked at	Why be concerned? (consequences)	Recommendations					
Frequency of lifting	If lifting is frequent: • general fatigue • local muscle fatigue • movements less coordinated	 Limit lifting frequency to less than once per 5 minutes, if possible Use mechanical aids if loads are heavy, hard to handle, or lifted often If loads are lifted frequently: store heavy loads (more than 10 kg/22 lbs) at hip level store light objects between 60 cm/24" (knee level) and 150 cm/60" (shoulder level) 					
Weight If high, the likelihood of incidents and of back of	depends on lifting	 Display weights on loads For occasional lifting straight ahead with a goo grasp and over a distance of 70 cm/28", lift loads with a recommended top weight of less than: Distance of hands from body					
	i e			20 cm	35 cm	50 cm	
		ight	40 cm	19 kg	11 kg	8 kg	
		Grip height	75 cm	22 kg	12 kg	9 kg	
		Gri	100 cm	20 kg	11 kg	8 kg	
			140 cm	17 kg	10 kg	7 kg	
		Distance of hands from body					
				8"	14 "	20 "	
		Grip height	16 "	42 lb	24 lb	18 lb	
			30 "	48 lb	26 lb	20 lb	
			40 "	44 lb	24 lb	18 lb	
			55 "	37 lb	22 lb	15 lb	

Translated and adapted from SOBANE materials, available at www.sobane.be/fr/tms_obs.html



