

## Preparations YANKEE SERVICE

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Preparations			
Internal inspection	Acc. to KC Handbook for Yankee Dryers  PWT	<p>Yankee dryer must be able to look.</p> <p>Interrupted steam tube – lockable (key during the inspection at PWT)</p> <p>Power supply must be interrupted – lockable (key during the inspection at PWT)</p> <p>Max. inside temperature of the hollow shaft 40°C - observed together with the content of oxygen</p> <p>Familiar, german speaking person outside of the man whole</p>	
Checks to be perform		Preparation Customer	Preparation PWT
Head Tilt		space between the head to shell bolts FS and BS to be tested: every tenth bolt, starting between bolt # 10 and #11, 20 and 21 and so on (see also fi.1)	calibrate device at zero position
Visual outside		all visually inspected areas, shell-cover transition on both sides of the entire circumference (see also fi.2)	
Visual inside		acc. Safety regulations internal inspection, Lighting max 24V, no condensate allowed	

Spigot Fit		acc. Safety regulations internal inspection  no condensate allowed	
Run out		cleaning of the shell with the blade (scraper) (see also fi.3)	abrasive paper
MT of the transitions – hollow shaft – head +radius and cover – shell +radius		clean up the surfaces have 50 microns color layer and free of dust and grease (see also fi.4)	
MT of the shell		the shell clean with the blades (scraper), the shell should be free of oil (see also fi.5)	
UT Bolts outside		clean up the fronts of the bolts have 50 microns col- or layer and free of dust and grease (see also fi.6)	



**Fig.1:** clean for Head Tilt



**Fig. 2 :** clean transition head to shell



**Fig. 3:** a clean shell for Run Out



**Fig. 4:** clean areas for MT



**Fig. 5:** surface of the shell with oil on it (not testable - MT)



**Fig. 6:** fronts of the bolts are clean for UT