

DEMOLITION WORK

Facilitator Guide



Timings	Facilitator Notes	Resources
45 mins	Discuss learning outcome and assessment criteria	Slide 1 Slide 2
	DISCUSS <i>Refer Demolition COP s1.1</i> <i>Refer Demolition COP – Appendix A</i> Discuss the definition of demolition work and structure. Refer to Appendix A for additional definitions. Highlight that demolition of a load bearing structure is classified as high risk construction work. ASK Ask participants for examples of what may be classified as demolition work. OPTIONAL ASK Ask participants to find differences between construction work and high risk construction work in the WHS Regulations.	Slide 3 Slide 4
	EXPLAIN <i>Refer Demolition COP s1.2</i> <i>Refer Demolition COP s3.2 (Principal Contractor)</i> <i>Refer Demolition COP s3.3 (Designers)</i> Explain the duties applicable to the below: • PCBU • Principal Contractor (Refer s1.2 & s3.2) • Designers (Refer 3.3) • Officers • Workers	Slide 5
	DISCUSS <i>Refer Demolition COP s2.1</i> Discuss hazards specific to Demolition	Slide 6
	DISCUSS <i>Refer Demolition COP s2.2</i> Discuss risks specific to Demolition	Slide 7

	DISCUSS <i>Refer Demolition COP s2.3</i> Discuss factors that should be considered when choosing suitable control measures (s2.3) Discuss control measures specific to demolition work: • The building or structure to be demolished • Hazardous chemicals and materials • Asbestos • Lead Highlight the importance of Asbestos identification and removal prior to demolition.	Slide 8 Slide 9 Slide 10 Slide 11 Slide 12
	DISCUSS <i>Refer Demolition COP s3</i> <i>Refer Demolition COP – Appendix B</i> <i>Refer Demolition COP s3.8 (Essential Services)</i> Discuss the need for a demolition plan. Refer Appendix B for example demolition plan. Discuss the importance of planning for location and disconnection of essential services.	Slide 13
	DISCUSS <i>Refer Demolition COP s3.1</i> Discuss the requirements for notifying WHSQ of demolition work that fits WHS Regulation s142 definition. Highlight that is the demolition work being undertaken fits that definition that WHSQ must be notified using a FORM 65 (located on website: worksafe.qld.gov.au)	Slide 14
	DISCUSS <i>Refer Demolition COP s3.4</i> Discuss the need for a safe work method statement (SWMS) and briefly discuss what is required within the SWMS.	Slide 15
	DISCUSS <i>Refer Demolition COP 3.5</i> Refer Worksafe website – Demolition Licensing	Slide 16

	Discuss that some demolition work requires a licence and specific information can be sought via the WHS Regulations and WorkSafe website. Highlight that depending on the type of work being done there may be a need for persons to hold the relevant licence (e.g. to carry out asbestos removal work, high risk work/plant operation or use of explosives)	
	DISCUSS <i>Refer Demolition COP s4.3</i> Discuss importance of securing the work area. Discuss: • Exclusion Zones • Public access and protection	Slide 17
	DISCUSS <i>Refer Demolition COP s4.4</i> <i>Refer Demolition COP s4.5</i> Discuss the range of plant that may be used for demolition work. Highlight that when using powered mobile plant (s4.5) a SWMS is required before work commences and a high risk work licence is required for some items of plant.	Slide 18
	DISCUSS <i>Refer Demolition COP s4.10</i> Discuss the need for training as well as specific training specific to Demolition.	Slide 19
	DISCUSS <i>Refer Demolition COP s5</i> Briefly discuss each method of demolition and outline hazards within • Manual demolition • Mechanical demolition • Induced collapse • Using explosives	Slide 20
	EXPLAIN <i>Refer Demolition COP s6</i>	Slide 21

	Briefly explain the importance of proper planning and care when demolishing a special structure. Examples of special structures are: • Pre and post-tensioned concrete • Fire-damaged, ruinous and structurally unsound buildings or structures • Lift shafts • Basements, cellars, vaults, domes and arched roofs • Masonry and brick arches • Independent chimneys and spires • Pylons and masts • Precast concrete panels • Facade retention • Storage tanks and pipelines	
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Version	Date	Author
1	30/06/2018	WHSQ