

# Nuclear safety technician

Education, Research and Accreditation

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**High Reliability**



Science. Ingenuity. Sustainability.

# INTRODUCTION



Waylon King  
Nuclear Safety Technician



Caitlin Etheridge  
Nuclear Safety Technician

# OBJECTIVE

ANSTO, supported by the Sir William Tyree Foundation have implemented a four-year development opportunity for young Aboriginal and/or Torres Strait Islanders to work and learn on the job, whilst providing education and exposure ensuring operational safety in unique high-risk industries.



The logo for Sir William Tyree Foundation, featuring the word "TYREE" in a stylized red font with a small black dot above the 'Y'.



# DEVELOPMENT OF THE NEXT GENERATION OF NUCLEAR WORKERS

- Increasing demand for nuclear workers
- Holistic approach to safety
- Rotations
- Formal qualification





# CRITICAL COMPETENCIES AND QUALIFICATIONS

## Critical competencies

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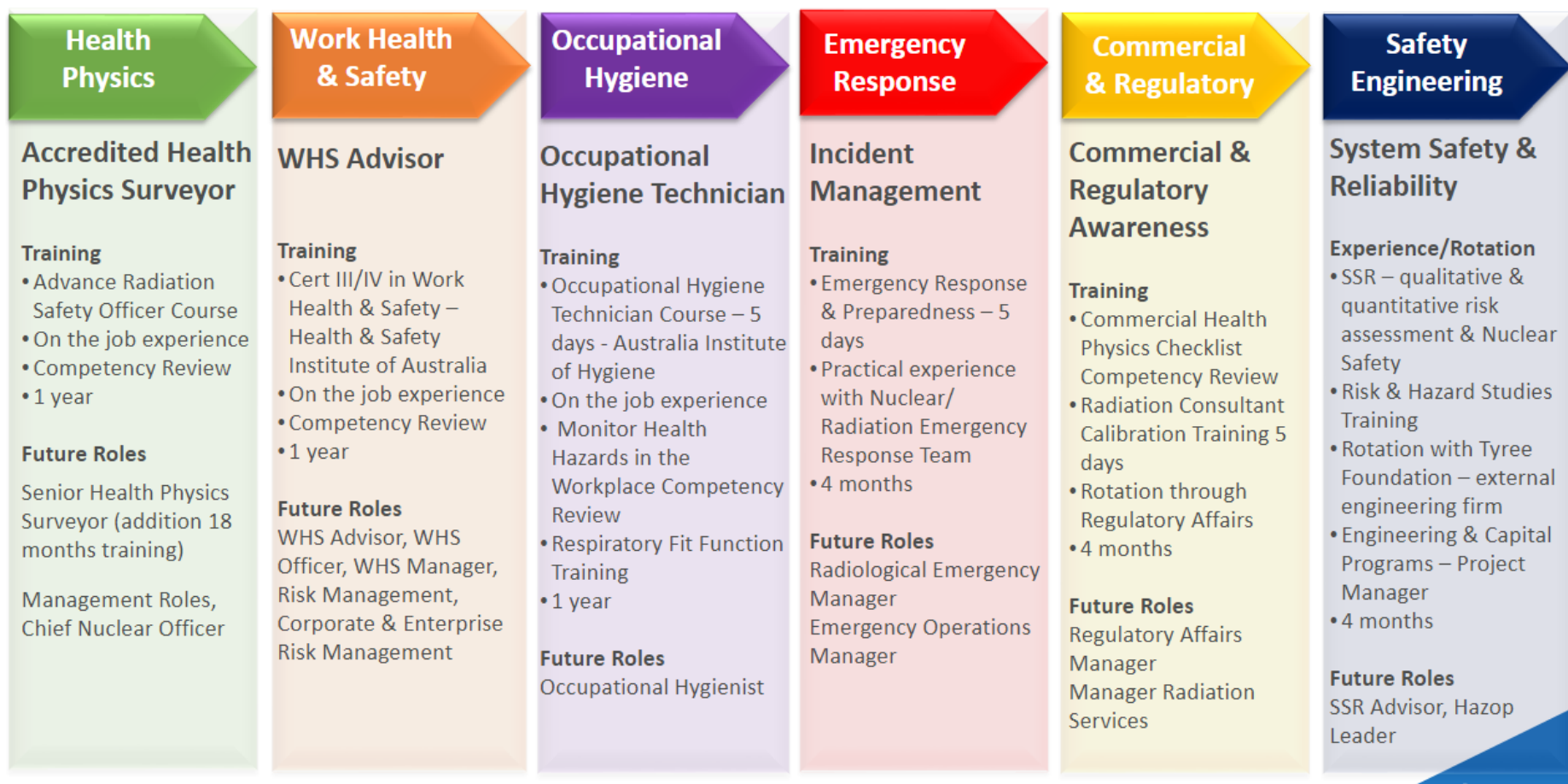
- First Aid
- White Card
- Working at heights/ Confined spaces training
- Clean room validation
- Courses: X-rays, Beta radiation awareness, Tritium awareness course
- Investigation Methodology workshop
- Plant safety and Lock-out/ Tag-out

## Qualifications summary

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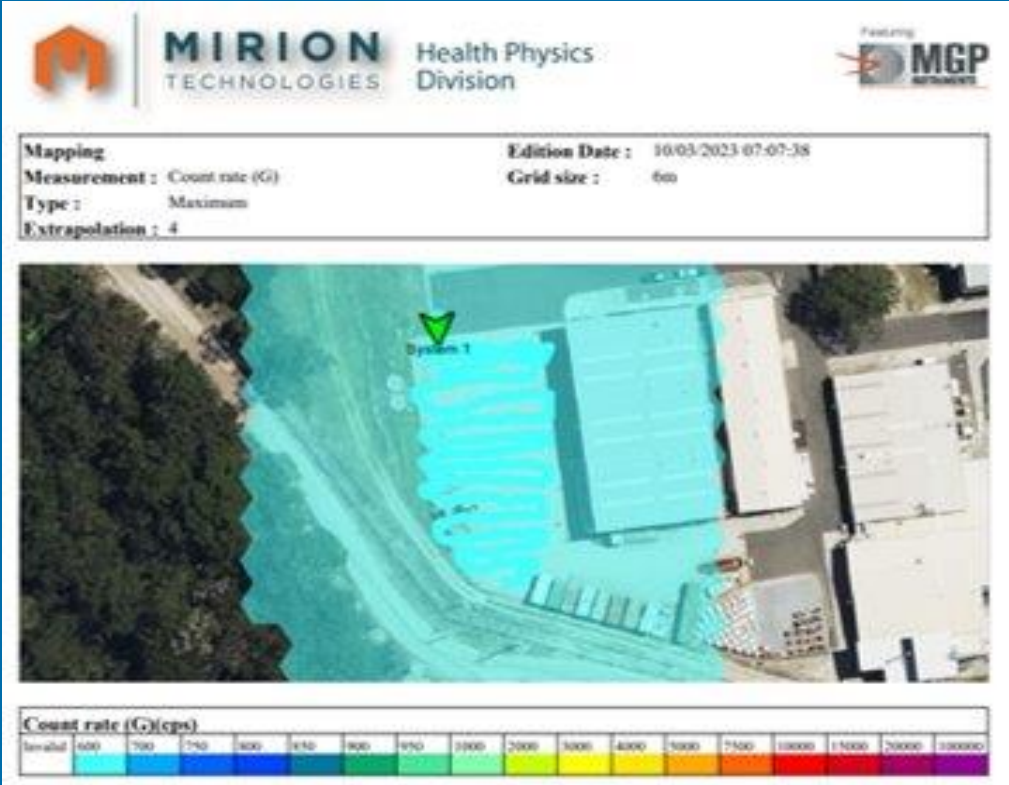
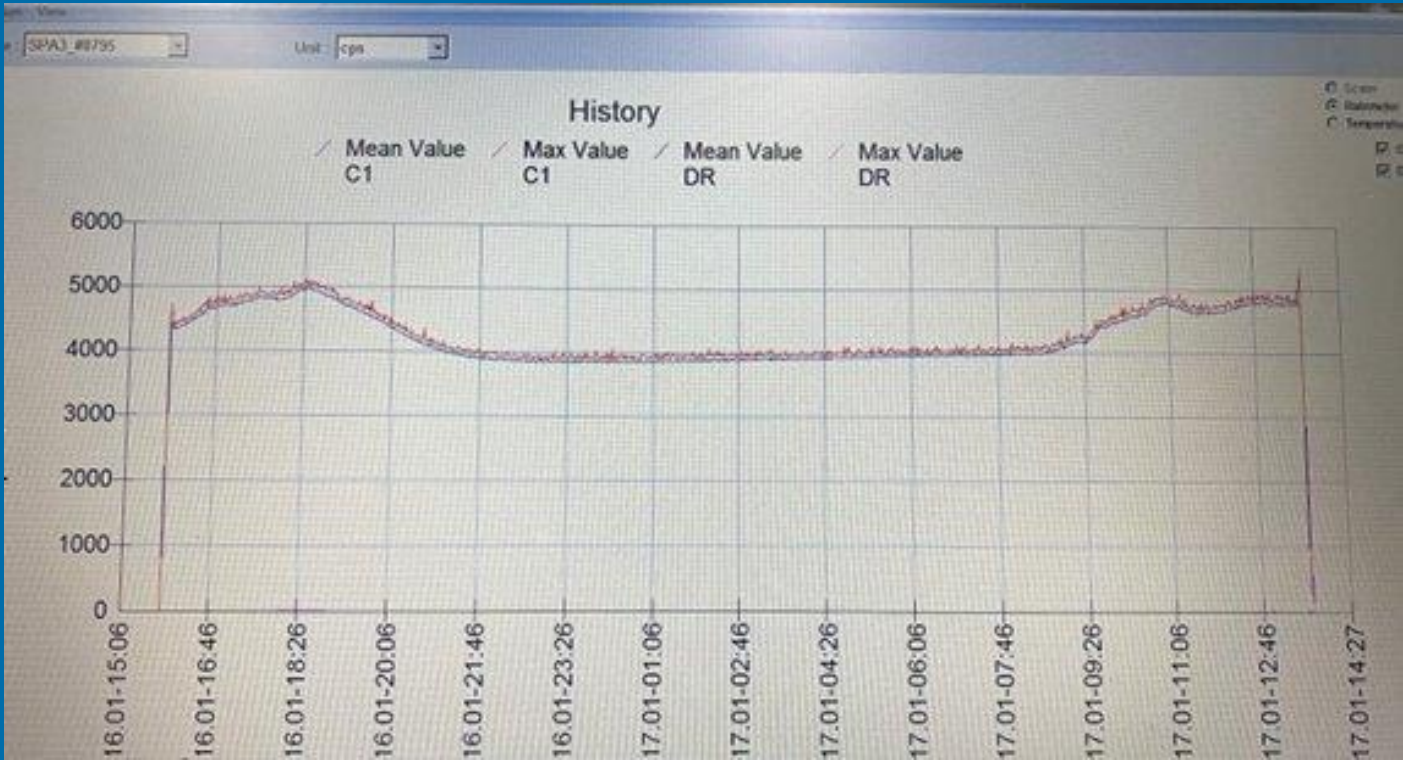
- Health Physics surveyor (Full Accreditation)
- On-call Health physics surveyor
- Emergency response
- Certificate IV WH&S
- Basic principles of Occupation Hygiene
- Resp-fit accreditation

# ACCREDITATION & TRAINING PATHWAY

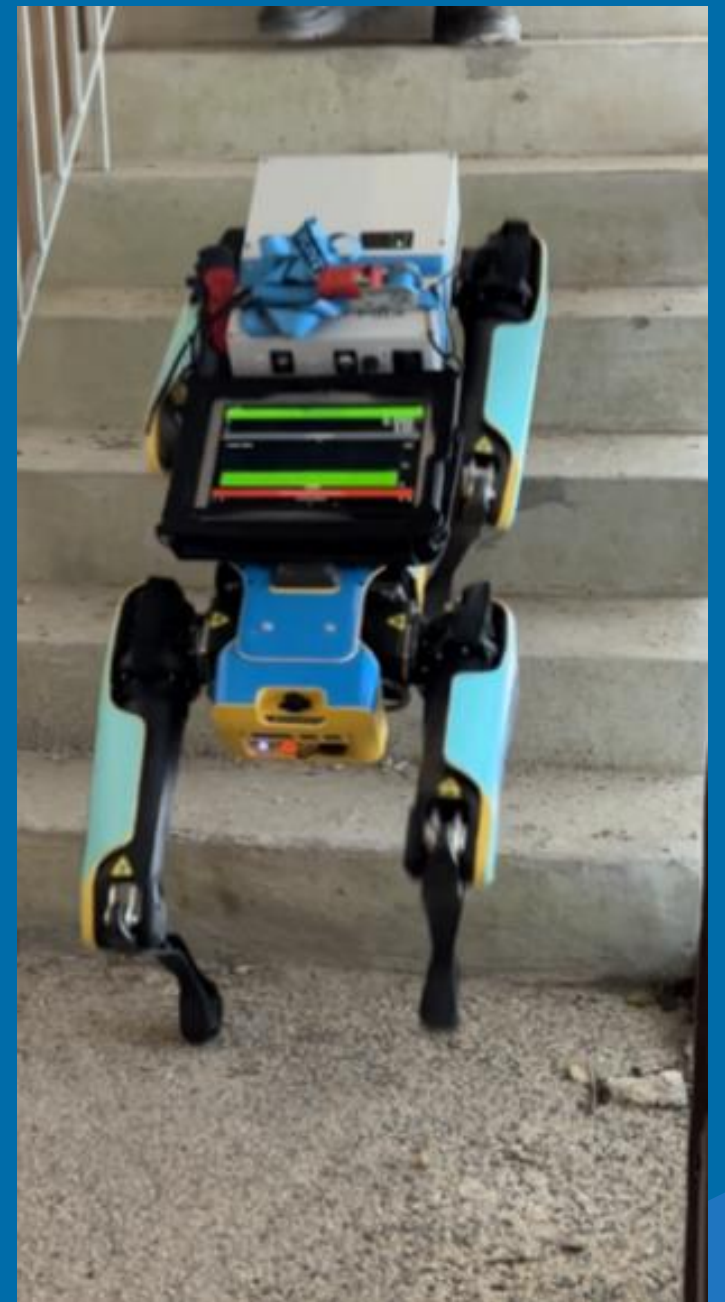
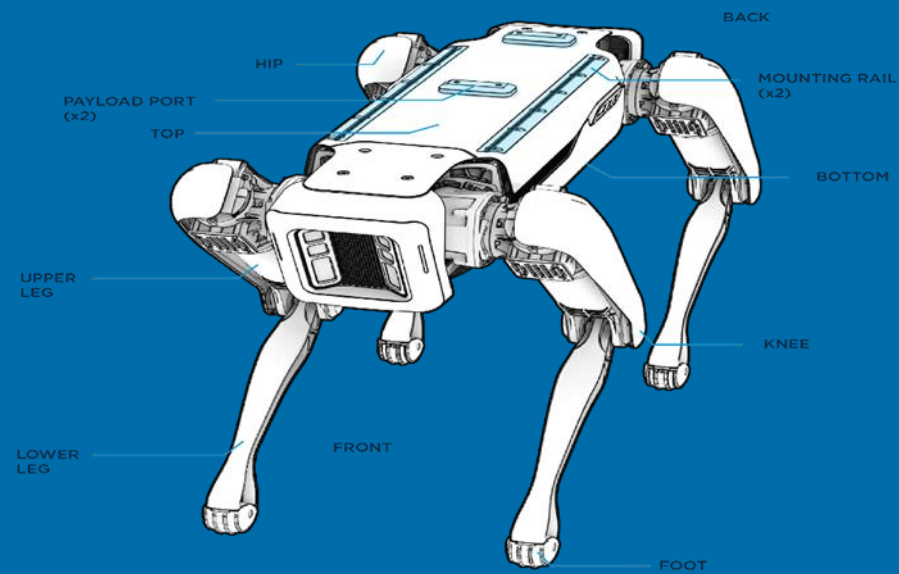




N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
ENVIRONMENTAL OBSERVATIONS														Instrument used			
Date/Time EDT	Temp (°C)	App Temp (°C)	Dew Point (°C)	Rel Hum (%)	Delta-T (°C)	Wind					Press QNH (hPa)	Press MSL (hPa)	Rain since 9am (mm)	Instrument	Probe	MTE	Next Cal. Date
						Dir	Spd (km/h)	Gust (km/h)	Spd (kts)	Gust (kts)							
03/08:45am	20.5	16.6	9.6	49	5.9	WSW	20	26	11	14	994.8	-	0	R200	RP-11	9115	3/05/2023
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06/02:30pm	26.8	24.9	19.3	63	4.9 NE		28	33	15	18	1015.5	-	0	R200	RP-11	9115	3/05/2023
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08/01:00pm	22.6	21.8	18.4	77	2.7	ESE	20	26	11	14	1014.8	-	0	R200	RP-11	9115	3/05/2023
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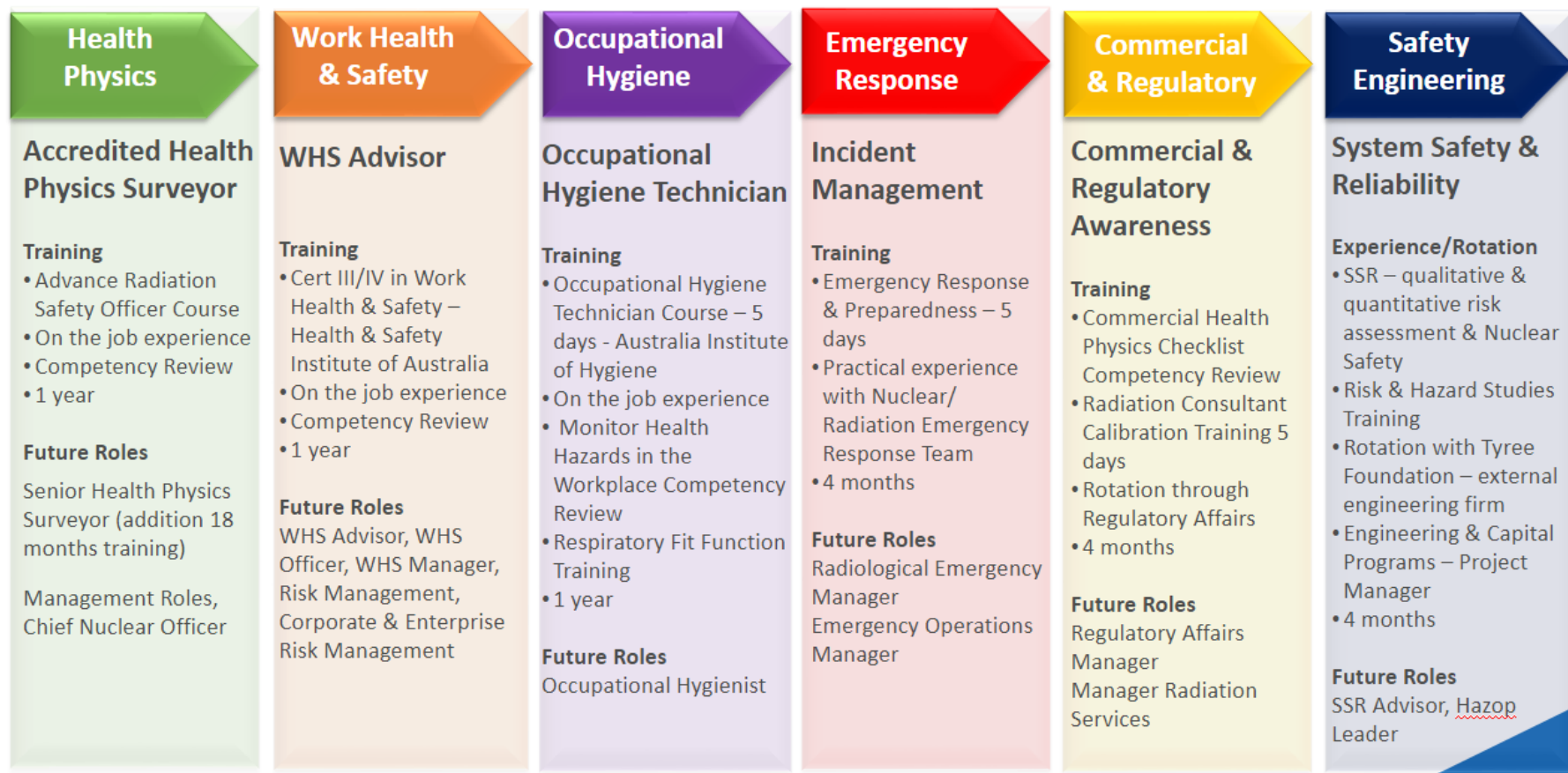








# ACCREDITATION & TRAINING PATHWAY









# QUESTIONS?