

Bitumen Sprayer Operator

Duration
1 day

Domestic Fees
$845 per person + GST

International Fees
$845 per person + GST

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Bitumen Sprayer Operator

Precise and competent operation of the bitumen sprayer is essential to successful chipsealing operations. Sprayer performance is improved if operators have detailed knowledge of the principles of the chipsealing process and the appropriate knowledge to accurately use the equipment.

Output quality is enhanced by bitumen product knowledge, adherence to safe handling procedures and careful record keeping.

IMPORTANT NOTE: Attendees of this course must first attend the Bitumen Bulk and Tanker Operator Course (normally run the previous day).

Pre-requisite for attendance

Participants must have completed a Bitumen - Basic Safety course prior to attending this course.

Participants must have completed the Bitumen Bulk and Tanker Operator course prior to attending this course.

Topics include

- Bituminous products for chipsealing
- Chipseal types and basic design principles
- Storage, blending and transportation
- Sampling and documentation
- Sprayer types, pumps and operating systems
- Troubleshooting
- Spray charts
- Correct spraybar set-up
- Hand-spraying
- Sprayer maintenance
- Operational Safety
- CCNZ Best Practice Guideline BPG01
- CCNZ BP02 (E2) industry certification of sprayers
- Field measurement and control
- Calculation of hot spray rates for cutbacks and emulsions
- Spraying Hot PMB's
- Bitumen sprayer record keeping

On completion of this course participants will be able to

- Understand the nature of bitumen products and handling procedures
- Understand sprayer principles
- Understand ancillary plant functions, capacities and capabilities
- Identify plant safety and on-road responsibilities when spraying bituminous products
- Understand the correct operation of bitumen sprayer plant
- Calculate hot spray rate from design residual application rate
- Calculate required binder quantity
- Complete field measurements
- Maintain accurate documentation

Who should attend

Persons with limited knowledge of sprayer operation. Also experienced operators who wish to update their knowledge and/or qualifications, will find this course appropriate.

ADDITIONAL INFORMATION

Minimum numbers apply before a course is confirmed

NZIHT reserves the rights to withdraw or adjust programmes, alter start date or fee schedules, and make any other changes as it may deem desirable or necessary, without prior notice. All programmes are subject to a sufficient number of enrolments and completion of all approval and accreditation requirements.

NZIHT and this programme are part of Te Pūkenga – New Zealand Institute of Skills and Technology

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