STAGE 1
Roof Drainage System Design to AS3500.3

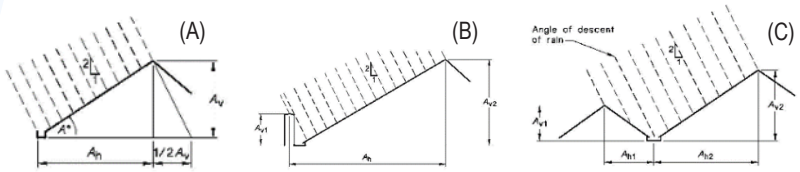

FIGURE 3.3. CATCHMENT AREA FOR ROOFS: (A) Single sloping roof - freely exposed to the wind (B) Single sloping roof - partially exposed to the wind (C) Two ajacent sloping roofs

AHSCA
Association of Hydraulic Services Consultants Australia
VICTORIA CHAPTER INC.

SPECIALIST CERTIFICATE COURSE

Presented by
Assoc. Professor
Terry Lucke

This course is a pre-requisite to gain access to the Advanced Roof Drainage Program (Stage 2) which enables systems above 16 lit/sec to be modelled.

IFD Design Rainfall Depth (mm)

Rainfall depth for Durations, Exceedance per Year (EY), and Annual Exceedance Probabilities (AEP).
FAQ for New ARR probability terminology

Table | Chart — Unit: mm

	Annual Exceedance Probability (AEP)						
Duration	**63.2%**	**50%#**	**20%***	**10%**	**5%**	**2%**	**1%**
1 min	1.72	1.89	2.48	2.90	3.33	3.93	4.42
2 min	3.00	3.29	4.24	4.92	5.62	6.62	7.44
3 min	4.02	4.42	5.72	6.65	7.62	8.99	10.1
4 min	4.86	5.35	6.96	8.12	9.31	11.0	12.4
5 min	5.58	6.15	8.02	9.38	10.8	12.7	14.3
10 min	8.13	8.99	11.8	13.8	15.9	18.8	21.1

The AHSCA VIC in conjunction with the AHSCA Research Foundation and Associate Professor Terry Lucke invite you to attend the Stormwater Roof Drainage 1 Day Specialist Course.

Date Thursday 4th October 2018

Venue Rising Sun Hotel South Melbourne

Starts 8:30 am

Duration Full Day Certificate Course

Cost $800.00

Open to Fellow, Full, Associate and Design Members approved by the AHSCA

Keep up with the industry, maintain your Continuing Professional Development. Learn how to fully apply the standard.

THE COURSE WILL INCLUDE:

> Methods of Calculating roof drainage catchment

> New method for calculating rainfall using IFD (Intensity / Frequency / Duration) and AEP (Annual Exceedance Probability) data

> Method for Design of High Capacity overflow sumps in accordance with AS3500

> Methods for Designing Box Gutters up to 16 lit/sec in accordance with AS3500

> Proficiency Exam

To register your attendance
please email secretary@ahscavic.com.au

***BOOK TODAY** TO ENSURE YOUR SEAT*

08.30	*Session 1: General Method of Calculating Roof Catchment Areas*
10.00	*Coffee break*
10.30	*Session 2: IFD Rainfall and Runoff*
12:00	*Lunch*
13:00	*Session 3: General Method for Design of Box Gutters*
14:30	*Coffee break*
15:00	*Session 4: General Method for Design of High Capacity Overflow Sumps*
16:30	*Proficiency Exam*