

APPENDIX 6P

---

**APM Vibration Level  
Measurement**

**Project:** 25308-50 Kong-Zuhai-Macao-Bridge Hong Kong Boundary Crossing Facilities - Investigation  
**Title:** Ground-borne noise measurement results

Measured RMS Velocity Level VdB						
Trial						
Location	1	2	3	4	5	6
PSD Control Room						
A	69	73	73	74	73	74
B	69	72	71	72	72	72
C	70	73	71	73	72	73
D	69	74	72	75	73	75
Motor Control Center Room						
E	69	68	69	71	69	69
F	68	67	69	70	68	68
G	67	66	68	69	68	68
Maximum Measured RMS Velocity Level						75

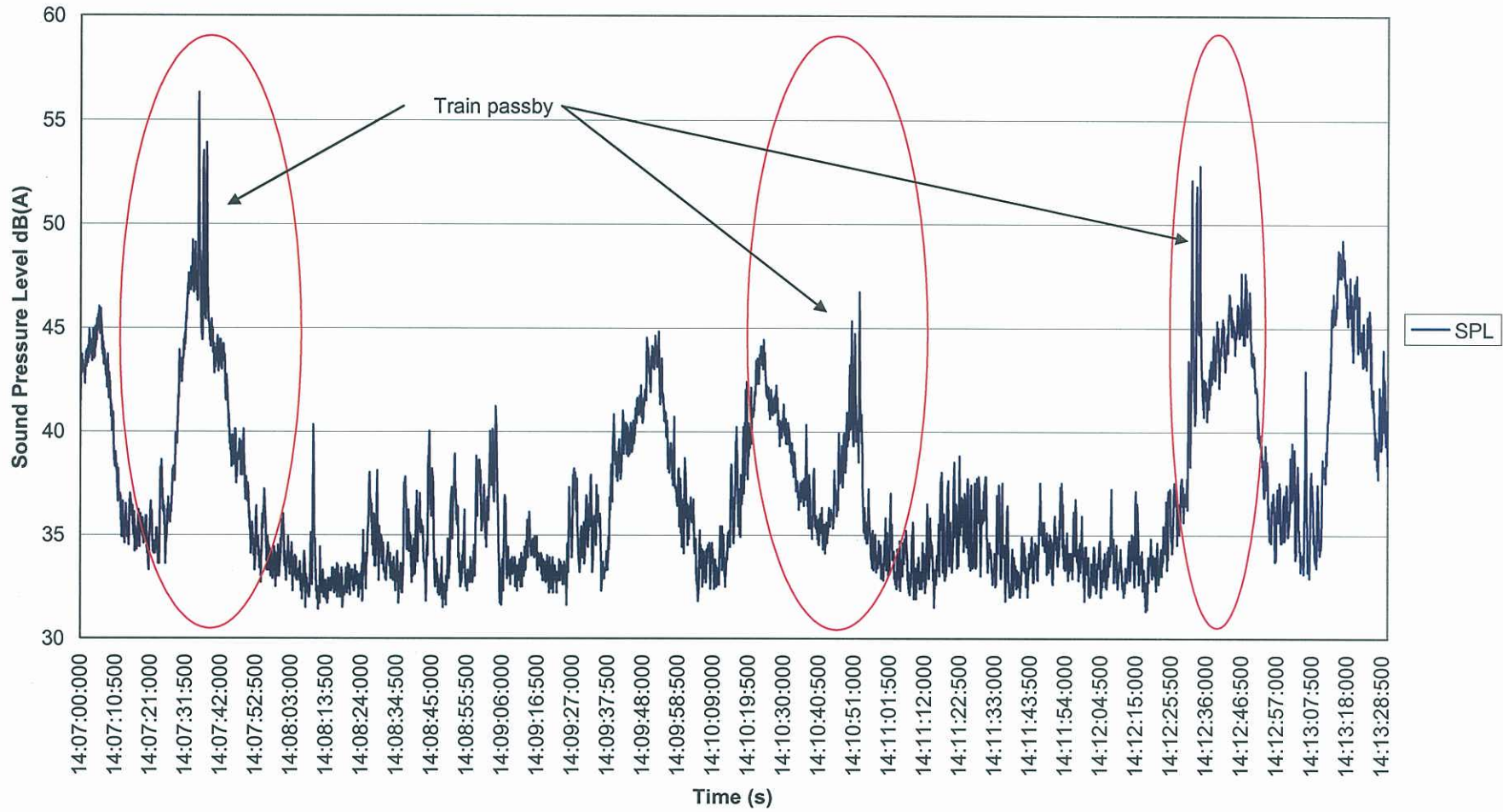
Existing APM - Inflated Tyres and Guide Wheels for APMs



Existing APM - Guide Wheels on both side of the car body



### Typical Noise Event at Motor Control Center Room



### Typical Noise Event at PSD Control Room

