



Transfield Services

Construction Clients Group – 28 September 2011

Measuring Health and Safety

Measuring Health and Safety



- Introductions
- Welcome to Transfield Services
- Close Call Reporting
- Leadership Commitment Programme





The first and most important thing we want you too know is that in Transfield Services, SAFETY IS PARAMOUNT and we have ONE VERY SIMPLE RULE

“No Injuries to Anyone, Anytime”

Think Safe, Work Safe, Home Safe

- H&S processes to NZS4801
- ACC Tertiary Qualified
- Quality to ISO9000
- Environmental Systems to ISO14000
- Risk Management to ISO31000

Policies for

- Health and Safety
- Rehabilitation
- Drugs and Alcohol
- Equality and Diversity

etc

Transfield Services Mandatory Safety Rules



1. Always verify and tag or lock all energy isolations



2. Never remove another persons Danger Tag or Personal Lock without written authorisation



3. Always operate equipment and machinery within defined safety limits



4. Never begin a skilled task or operate equipment and machinery unless qualified



5. Always obtain authorisation before entering a confined space



6. Never disable or override a safety device without written authorisation



7. Always protect against falling where you can fall more than 2 metres



8. Never work or travel under a suspended load



9. Always wear seatbelts when a vehicle is in motion



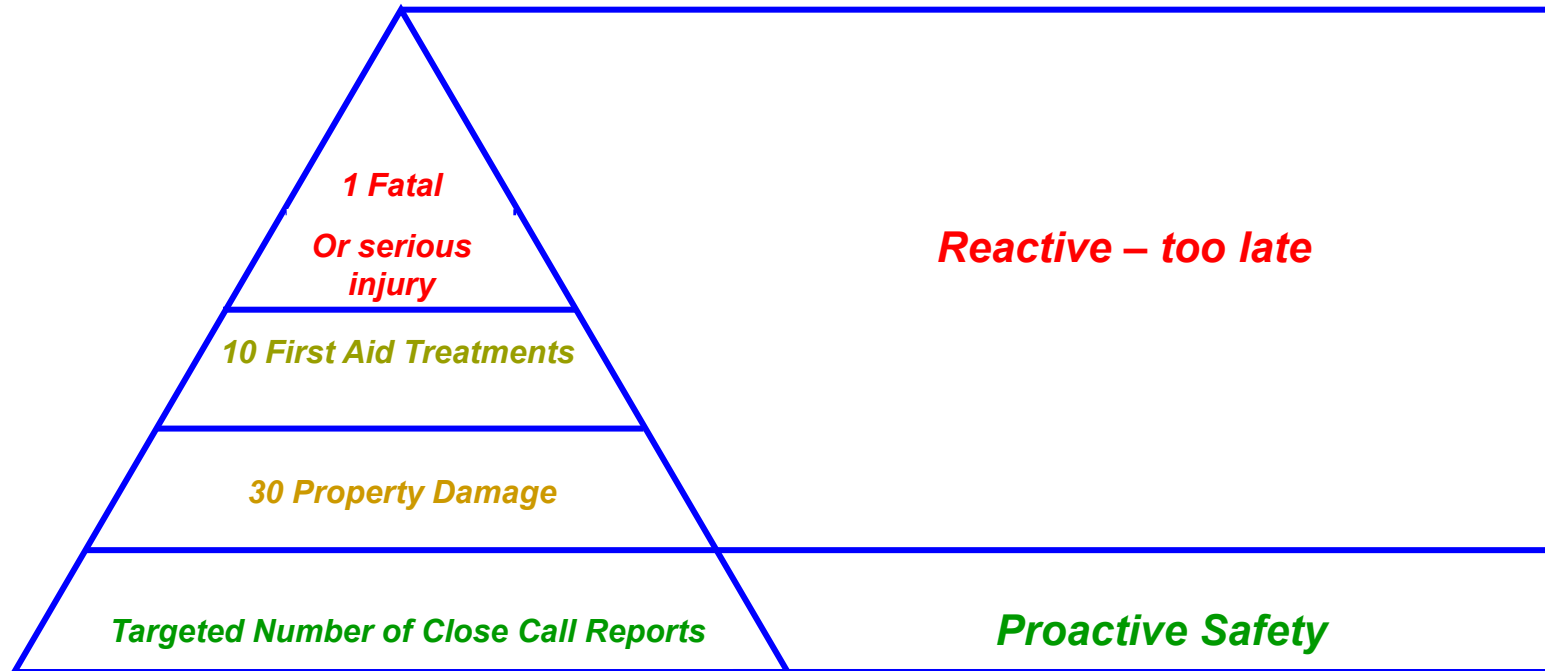
10. Never consume or be under the influence of alcohol or illicit drugs while at work

Accident Pyramid



■ Bird (1980)

Accident Pyramid



- A Close Call report is to learn from situations where an incident “almost” happened or an uncontrolled hazard is identified so that real injuries or property damage or environmental impact can be prevented

Close Call Reporting



Close Call Report Form



Date: _____ Cost Centre or Site: _____

Location: _____

- | | | |
|--|---|--|
| <input type="checkbox"/> Site Security | <input type="checkbox"/> Hazard ID | <input type="checkbox"/> Test before touch |
| <input type="checkbox"/> Electrical | <input type="checkbox"/> Working height | <input type="checkbox"/> Falling objects |
| <input type="checkbox"/> Permit | <input type="checkbox"/> Procedural | <input type="checkbox"/> Plant and equipment |
| <input type="checkbox"/> PPE | <input type="checkbox"/> Environmental | <input type="checkbox"/> Manual Handling |
| <input type="checkbox"/> Isolation | <input type="checkbox"/> Slip/trip/fall | <input type="checkbox"/> Unsafe Act |

Close Call Details (What happened)?

What immediate actions were taken?

Suggestions for further actions?

Reported by (optional): _____

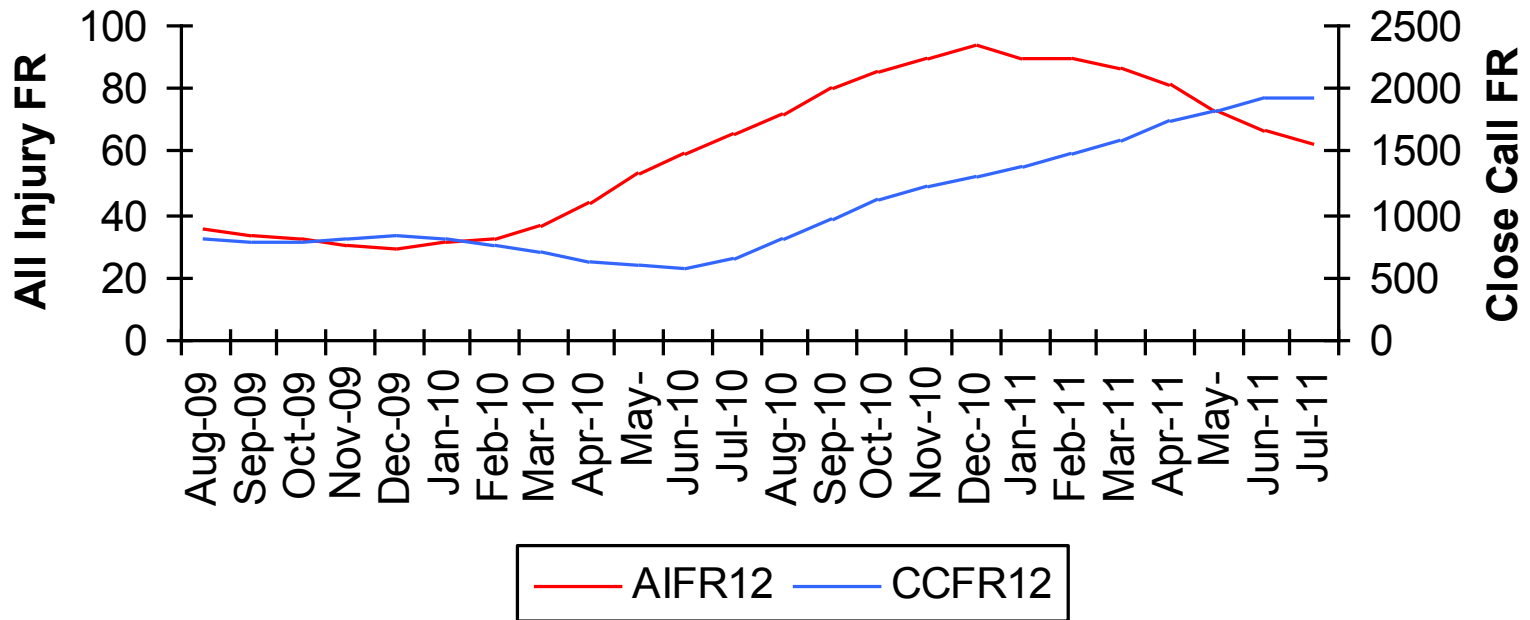
If Better Way, use reverse side
Hand to Supervisor/HSE Coordinator/Contract Support

- Every employee has Close Call Report Form.
- Targets set.
- Close call reporting measured where more is good

The Result



All Injuries & Close Call Reporting Comparison



Performance is directly related to the effective application of existing systems.

Systems
+
Application



Performance

- **Planning and design**
- **Information and communication**
- **Implementation and monitoring**
- **Assessment and improvement**

- **Planning and design**
 - Management meetings
 - Business planning
- **Information and communication**
 - Toolbox meetings
 - HSE Committees
- **Implementation and monitoring**
 - HSE Inspections
 - Incident Management
- **Assessment and improvement**
 - Close Call Reporting
 - HSE Improvement Plans

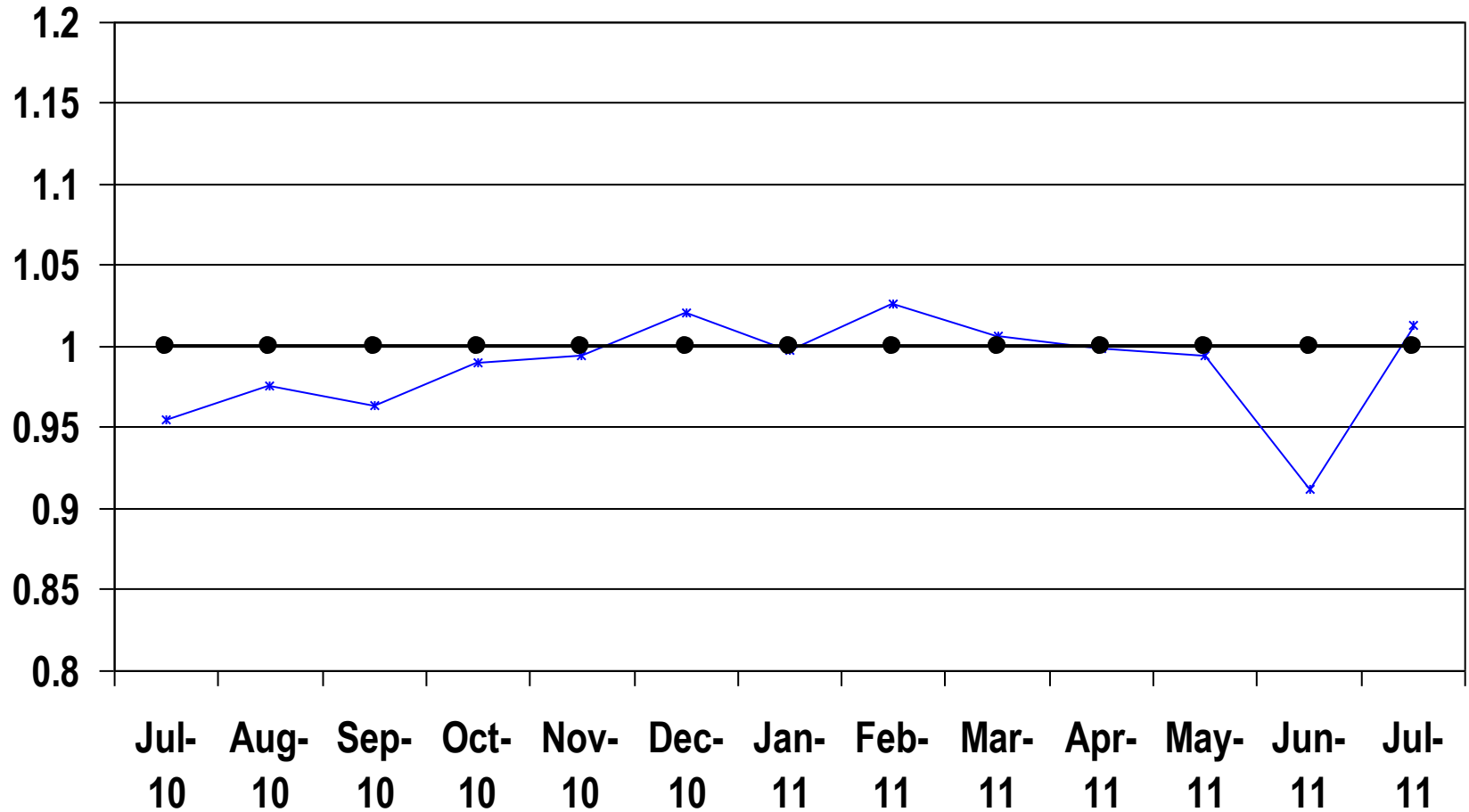
LCP Metrics



SITE NUMBER: 9301

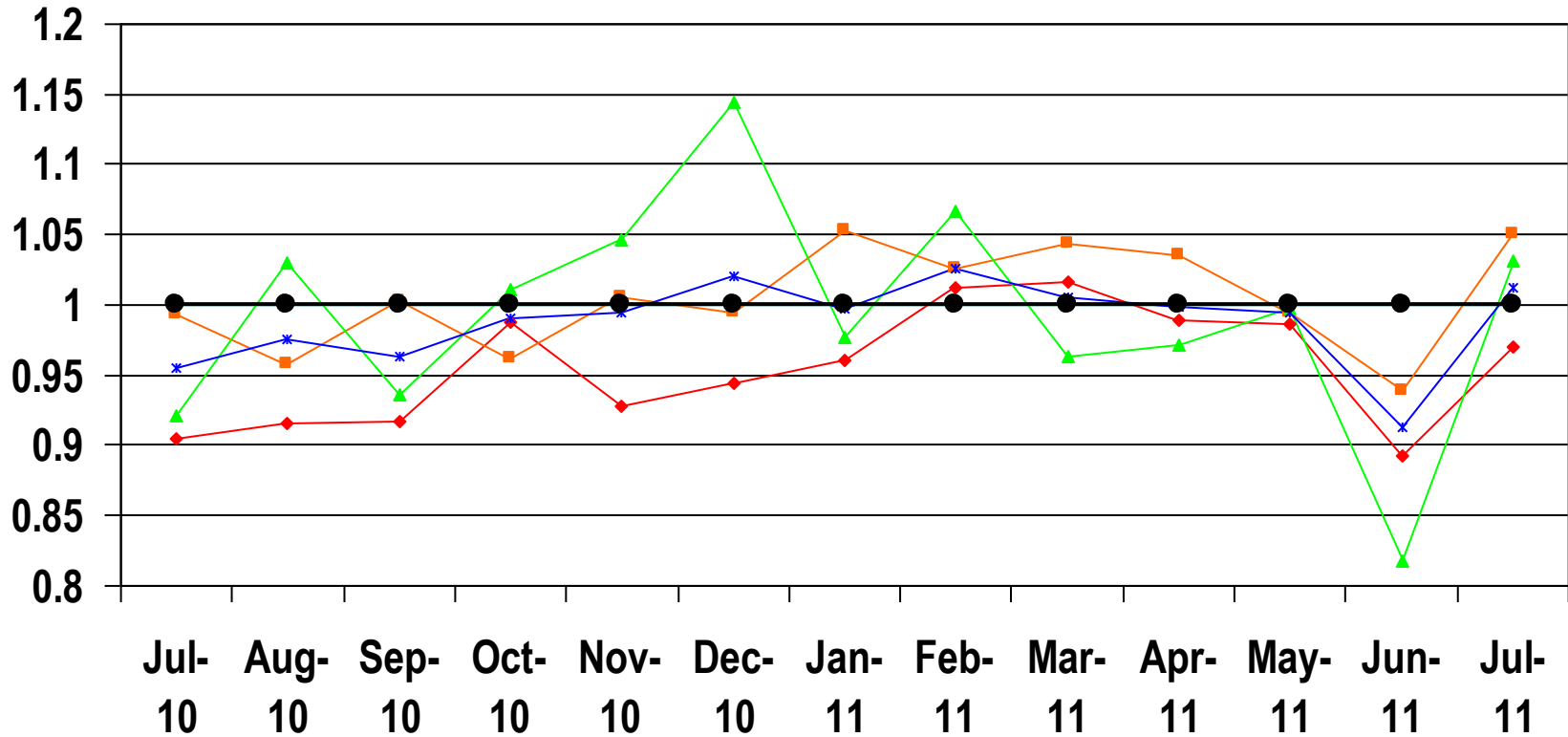
	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
PLANNING												
Management Meetings												
Number of meetings scheduled	1	1	1	1	1	1	1	1	1	1	1	1
Number held	0	0	0	4	4	3	2	12	12	12	2	1
Score	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Number of expected attendees	8	8	8	8	8	8	8	8	8	8	8	8
Number of actual attendees	0	0	0	4	4	4	6	5	5	5	5	14
Score	0.0	0.0	0.0	0.5	0.5	0.5	1.0	0.6	0.6	0.6	0.6	1.0
Minimum number of actions required	0	0	0	0	0	0	0	0	0	0	0	0
Number of actions raised	0	0	0	26	11	5	4	4	7	11	4	6
Score	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Number of actions due for completion	0	0	0	0	0	0	0	0	7	8	0	4
Number of actions completed	0	0	0	0	0	0	0	0	7	3	4	4
Score	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	4.0	1.0
TOTAL	0.50	0.50	0.50	0.88	0.88	0.88	1.00	0.91	0.91	0.75	1.16	1.00
INFORMATION & COMMUNICATION												
Toolbox Meetings												
Number of meetings scheduled	5	5	5	5	5	5	5	5	5	5	5	5
Number Held	4	0	4	10	12	8	8	11	11	11	4	2
Score	0.8	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4
Minimum number of actions required	0	0	0	0	0	0	0	0	0	0	0	0
Number of actions raised	3	0	3	3	7	4	7	17	12	12	8	6
Score	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Number of actions due for completion	3	0	3	3	7	3	6	17	4	4	4	4
Number of actions completed	3	0	3	3	7	3	6	17	8	8	4	4
Score	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0
Sub-Total	0.95	0.75	0.95	1.00	1.00	1.00	1.00	1.00	1.50	1.50	0.95	0.85
HSE Committees												
Number of meetings scheduled	1	1	1	1	1	1	1	1	1	1	1	1
Number held	1	0	1	1	1	1	1	1	1	1	1	1
Score	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Number of expected attendees	7	7	7	7	7	7	7	7	7	7	7	7
Number of actual attendees	5	0	5	5	5	5	5	5	9	8	8	5
Score	0.7	0.0	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	0.7
Minimum number of new business items required	0	0	0	0	0	0	0	0	0	0	0	0
Number of new business items raised	0	0	0	5	5	0	1	2	4	5	2	1
Score	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Number of actions due for completion	0	0	0	3	0	0	1	0	2	1	1	1
Number of actions completed	0	0	0	2	0	0	1	2	4	4	1	1
Score	1.0	1.0	1.0	0.7	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0
Sub-Total	0.95	0.67	0.95	0.79	0.95	0.95	0.95	1.45	1.50	1.50	1.00	0.95
TOTAL	0.95	0.71	0.95	0.89	0.98	0.98	0.98	1.23	1.50	1.50	0.98	0.90

LCP Measurement



—*— GRAND TOTAL —●— MINIMUM ACCEPTABLE

LCP Measurement



H&S Blue Report



	LTI	MTI	FAI	Close Calls	LTIFR ₁₂	TRIFR ₁₂	AIFR ₁₂	CCFR ₁₂
Waikato	0	0	1	60	6.29	15.73	53.48	1588.68
Tauranga	0	0	1	32	0.00	19.22	76.88	1845.21
Rotorua	0	0	0	38	0.00	0.00	65.11	2371.18
Wanganui	0	1	0	32	19.66	29.49	117.97	4020.88
New Plymouth	0	0	0	32	0.00	0.00	29.26	3094.71
Nelson	0	1	0	42	9.89	19.78	89.01	3659.28
Blenheim	0	0	2	23	0.00	0.00	0.00	3712.19
Christchurch	0	1	4	60	0.00	11.13	11.13	1718.47
UFB	0	0	0	1	0.00	0.00	0.00	101.33
New Ventures	0	0	2	42	0.00	8.62	60.34	1508.46
TELCO NZ	0	3	10	362	2.65	10.06	62.51	1938.81
Housing Manukau	0	1	0	10	0	4.37	21.84	192.22
Wellington	0	0	0	0	0	0	19.83	49.57
Meridian Energy	0	0	1	0	0	0	192.05	192.05
FM NZ	0	1	1	13	0	5.83	28.29	330.37

THINK SAFE .. WORK SAFE .. HOME SAFE