

# ISA Basic Tree Risk Assessment Form

Client N/A Date 15/5/2018 Time \_\_\_\_\_  
 Address/Tree location KINGSHILL INN, DURSLEY Tree no. T1 Sheet 1 of 1  
 Tree species TURKEY OAK dbh 400+ Height 13m Crown spread dia. 12m  
 Assessor(s) MARK HEMMING Tools used N/A Time frame N/A

## Target Assessment

Target number	Target description	Target protection	Target zone			Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?
			Target within drip line	Target within 1x Ht.	Target within 1.5x Ht.			
1	CAR PARK				✓	2	NO	
2								
3								
4								

## Site Factors

History of failures \_\_\_\_\_ Topography Flat  Slope  % Aspect \_\_\_\_\_  
 Site changes None  Grade change  Site clearing  Changed soil hydrology  Root cuts  Describe \_\_\_\_\_  
 Soil conditions Limited volume  Saturated  Shallow  Compacted  Pavement over roots  % Describe GRASS  
 Prevailing wind direction S/W Common weather Strong winds  Ice  Snow  Heavy rain  Describe \_\_\_\_\_

## Tree Health and Species Profile

Vigor Low  Normal  High  Foliage None (seasonal)  None (dead)  Normal 95 % Chlorotic \_\_\_\_\_ % Necrotic \_\_\_\_\_ %  
 Pests/Biotic \_\_\_\_\_ Abiotic \_\_\_\_\_  
 Species failure profile Branches  Trunk  Roots  Describe N/A

## Load Factors

Wind exposure Protected  Partial  Full  Wind funneling  Relative crown size Small  Medium  Large   
 Crown density Sparse  Normal  Dense  Interior branches Few  Normal  Dense  Vines/Mistletoe/Moss   
 Recent or expected change in load factors N/A

## Tree Defects and Conditions Affecting the Likelihood of Failure

### — Crown and Branches —

Unbalanced crown  LCR \_\_\_\_\_ %  
 Dead twigs/branches  \_\_\_\_\_ % overall Max. dia. \_\_\_\_\_  
 Broken/Hangers Number \_\_\_\_\_ Max. dia. \_\_\_\_\_  
 Over-extended branches   
 Pruning history  
 Crown cleaned  Thinned  Raised   
 Reduced  Topped  Lion-tailed   
 Flush cuts  Other \_\_\_\_\_  
 Cracks  Lightning damage   
 Codominant  Included bark   
 Weak attachments  Cavity/Nest hole \_\_\_\_\_ % circ.  
 Previous branch failures  Similar branches present   
 Dead/Missing bark  Cankers/Galls/Burls  Sapwood damage/decay   
 Conks  Heartwood decay   
 Response growth \_\_\_\_\_  
NO PAST WORK Condition(s) of concern NONE

Part Size \_\_\_\_\_ Fall Distance \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent   
 Part Size \_\_\_\_\_ Fall Distance \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

### — Trunk —

Dead/Missing bark  Abnormal bark texture/color   
 Codominant stems  Included bark  Cracks   
 Sapwood damage/decay  Cankers/Galls/Burls  Sap ooze   
 Lightning damage  Heartwood decay  Conks/Mushrooms   
 Cavity/Nest hole \_\_\_\_\_ % circ. Depth \_\_\_\_\_ Poor taper   
 Lean \_\_\_\_\_ ° Corrected? \_\_\_\_\_  
 Response growth \_\_\_\_\_  
 Condition(s) of concern \_\_\_\_\_  
 Part Size \_\_\_\_\_ Fall Distance \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

### — Roots and Root Collar —

Collar buried/Not visible  Depth \_\_\_\_\_ Stem girdling   
 Dead  Decay  Conks/Mushrooms   
 Ooze  Cavity  \_\_\_\_\_ % circ.  
 Cracks  Cut/Damaged roots  Distance from trunk \_\_\_\_\_  
 Root plate lifting  Soil weakness   
 Response growth \_\_\_\_\_  
 Condition(s) of concern \_\_\_\_\_  
 Part Size \_\_\_\_\_ Fall Distance \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

