Pile Driving and Equipment Data Form (SI Units)

Contract No.: ___________________________  Structure Name and/or No.: ___________________________
Project: ___________________________  Pile Driving Contractor or Subcontractor: ___________________________
County: ___________________________  (Piles driven by)

Manufacturer: ___________________________  Model No.: ___________________________
Hammer Type: ___________________________  Serial No.: ___________________________
Manufacturers Maximum Rated Energy: ___________________________ (Joules)
Stroke at Maximum Rated Energy: ___________________________ (meters)
Range in Operating Energy: ___________________________ to ___________________________ (Joules)
Range in Operating Stroke: ___________________________ to ___________________________ (meters)
Ram Weight: ___________________________ (kN)
Modifications: ___________________________

Striker Plate
Weight: ___________________________ (kN)  Diameter: ___________________________ (mm)
Thickness: ___________________________ (mm)
Material #1  Name: ___________________________
Material #2  (for Composite Cushion)
Name: ___________________________
Hammer Cushion
Area: ___________________________ (cm²)  Area: ___________________________ (cm²)
Thickness/Plate: ___________________________ (mm)  Thickness/Plate: ___________________________ (mm)
No. of Plates: ___________________________  No. of Plates: ___________________________
Total Thickness of Hammer Cushion: ___________________________ (mm)

Helmet (Drive Head)
Weight: ___________________________ including inserts (kN)

Pile Cushion
Material: ___________________________ (cm²)  Thickness/Sheet: ___________________________ (mm)
Area: ___________________________ (cm²)  Thickness/Sheet: ___________________________ (mm)
No. of Sheets: ___________________________
Total Thickness of Pile Cushion: ___________________________ (mm)
Pile Type: ___________________________
Wall Thickness: ___________________________ (mm)  Taper: ___________________________
Cross Sectional Area: ___________________________ (cm²)  Weight/Meter: ___________________________

Ordered Length: ___________________________ (m)
Design Load: ___________________________ (kN)
Ultimate Pile Capacity: ___________________________ (kN)

Description of Splice: ___________________________

Driving Shoe/Closure Plate Description: ___________________________

Submitted By: ___________________________  Date: ___________________________
Telephone No.: ___________________________  Fax No.: ___________________________
e-mail: ___________________________