

THE ROYAL GUNPOWDER FACTORY

WALTHAM ABBEY

South Site



THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER G418	OLD SERIES 427	RCHME NUMBER	N.G.R. TQ 38080 99785
NAME/FUNCTION Pulping and moulding room Polymerisation Plant	START DATE 1888	END DATE 14-Nov-1990	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES 1) 1908 RGPf Ledger Pulping and moulding room, date 1888 WASC 901/322 26 June 1888 guncotton Factory Chimney WASC 901/325 16 July 1893 Proposed arrangement of boiler of 10.000 gallon tank space under tank to be walled in for use as a forge		

PHOTOGRAPHY HISTORIC BB92/16731 origin 27.7.1966 BB92/16732 Guncotton Factory 1896 PRO BB92/16739 Guncotton displacement apparatus May 1909 PRO BB92/16740 Cotton waste drying oven c1909 PRO	PHOTOGRAPHY RCHME 1) 206/G/1 From South 2) BB92/26251 View from South West
--	---

RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:
--

CONDITION Good

Description

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER G431	OLD SERIES 429a-c, 430, 431	RCHME NUMBER	N.G.R. TQ 38200 99810
NAME/FUNCTION Gun Cotton Factory Central Stores and Stores Office		START DATE 1888-9	END DATE 27-Apr-1990
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
		<p>1) 1908 RGPF Ledger 429 Nitrating house, pump and fan house, weighing room, drying room, fan room, date 1888 430 Teasing room and machinery store, date 1888 431 Paint store, date 1888</p> <p>2) WASC 901/320 not dated Screen & Fume shafts dipping tanks WASC 901/321 26.June 1888 Guncotton Factory chimney WASC 901/324 11.June 1929 proposed re-roofing with "Robertson Asbestos protected metal sheets No 20 BG" WASC 901/324/A 30.Jan 1929 proposed re-roofing with "Robertson Asbestos Protected metal corrugated sheeting" WASC 901/325 16 July 1893 proposed arrangement of boiler 10.000 gallon tank, space under tank to be walled in for use as a forge</p>	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
		<p>1) 206/G/4 From South East 206/M/35 from South 206/M/35 from South West</p> <p>2)BB92/26249 Guncotton Factory 1888-9 view from south west BB92/26250 Guncotton Factory 1888-9 view from East</p>	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION Good			

DESCRIPTION

1) CONSTRUCTIONAL MATERIAL
Brick

2) ROOF MATERIALS AND STRUCTURE
Slate

3) POWER SOURCE
Electricity and steam heating

4) DIMENSIONS i) L ii) W iii) HT iv)DIA

5)
A stone plaque on the east wall is inscribed 'GunCotton Factory 1888-9'.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES 476	RCHME NUMBER	N.G.R. TQ 38300 99620
NAME/FUNCTION Nitrating house/charge house	START DATE 1891	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES 1) 1908 RGPF Ledger WASC 1509 476 Nitrating house /charge house, date 1891		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 483			
CONDITION	?Buried		
DESCRIPTION The structure has been demolished, its site may be traced on the ground north of 483 as an earthwork.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES 483	RCHME NUMBER	N.G.R.
NAME/FUNCTION Washing house		START DATE 1894	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
		<p>1) 1908 RGPF Ledger WASC 1509 Washing house, date 1894</p> <p>2) WASC 901/330 30 Nov 1894 Nitroglycerine Factory washing House</p> <p>WASC 901/330A 5 May 1894 Nitroglycerine Factory Washing House</p>	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
		<p>1) 206/G/8 Interior from West</p> <p>206/G/9 Interior from South</p> <p>206/G/10 Roof exterior from North</p> <p>2) BB92/26257 Interior Nitroglycerine washing barrel</p> <p>BB92/26258 Washing house interior service tunnel to South</p> <p>BB92/26258 washing house roof Danger building lights</p> <p>BB92/26260 Washing House detail service tunnel from North</p> <p>BB92/26261 Washing house entrance from West</p> <p>BB92/26262 Washing house detail of Nitroglycerine Gully support</p> <p>BB92/26263 Washing House roof of round house</p>	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH: 476, 484, 485, 486 Overlies N544			
CONDITION	Fair		

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES 484	RCHME NUMBER	N.G.R. TQ 38307 99570
NAME/FUNCTION Junction house/covered way		START DATE 1894	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES 1) WASC 901/331 27 Sept 1891 N.G Factory covered passage between Washing House and Mixing House 1) 1908 RGPF Ledger WASC 1509 - Junction house/covered way, date 1894	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Brick 2) ROOF MATERIALS AND STRUCTURE - 3) POWER SOURCE - 4) DIMENSIONS iv)DIA 5) Circular brick tank to the south of the settling house? 483.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES 485	RCHME NUMBER	N.G.R. TQ 38240 99562
NAME/FUNCTION Mixing house/porch	START DATE 1894	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES 1) 1908 RGPF Ledger WASC 1509 - Mixing house/porch		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 483, 484 Overlies N548			
CONDITION	?Buried		
DESCRIPTION			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES 486	RCHME NUMBER	N.G.R. TQ 38320 99522
NAME/FUNCTION Mixing house/traverses Explosives Store		START DATE 1894	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES 1) 1908 RGPF Ledger WASC 1509 - Mixing house/traverse, date 1894 2) WASC 901/329 30 Nov(?) 1894 Nitroglycerine Factory stores	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME 2)BB92/26255 Interior of Mixing House BB92/26256 Roof exterior of Mixing House	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 483, 484 Overlies N549			
CONDITION	FAIR:		

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
Timber

- 2) ROOF MATERIALS AND STRUCTURE
Galvanised sheet metal

- 3) POWER SOURCE
Electric lighting

- 4) DIMENSIONS i) L ii) W iii) HT iv) DIA

- 5) The timber roundhouse is set within the centre of an earthen mound. The exterior walls of the roundhouse are protected by weatherboarding and braced by horizontal joists set into the brick wall. The roundhouse is approached from the south through a curving passage with an asphalt covered floor. The roundhouse is entered through double doors hung on brass butterfly hinges, the other door furniture is also of brass. The interior of the roundhouse is lined by galvanised sheet metal which has obscured any constructional details. The building is lit by small lights around the top of the wall, some of retain wartime blackout paint. Artificial lighting is provided by 'Maxlume' lights mounted on the outside of the windows with the attendant wiring encased in thin metal pipes.

A raised service tunnel formerly entered the roundhouse from the north, from building 483. The porch joining it to the roundhouse survives, although the passage is now sealed by the galvanised metal lining.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER 494	OLD SERIES	RCHME NUMBER	N.G.R. TQ 37870 99495
NAME/FUNCTION Guncotton stove Explosives Store	START DATE 1892	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES 1) 1908 RGPF Ledger WASC 1509 - Guncotton stove, date 1892		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME 2)BB92 26252 Guncotton view from East BB92/26253 Interior view from West BB92/26254 Guncotton stove etail of Crown Post		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: Overlies M351			
CONDITION	POOR		

DESCRIPTION

1) CONSTRUCTIONAL MATERIAL
Timber

2) ROOF MATERIALS AND STRUCTURE
Galvanised sheet metal, rafters supported by a crown on top of a central post.

3) POWER SOURCE

4) DIMENSIONS i) L ii) W iii) HT iv) DIA

5)
The roudhouse is surrounded by a high earthen traverse revetted by brick in the centre. The roudhouse is entered from the south through a brick vaulted passage formerly closed by double doors at the entrance. The passage is lined with a parquet flooring and a shoe box is provided at the inner end of the passage. The roundhouse rests on a raised platform separated from the revetting wall by a gully 0.8m in width. The roundhouse is of timber construction consisting of sill beams attached to the platform with an internal frame capped by a wall plate, the members of which were individually numbered during construction. The wall plate is braced by a number of horizontal joists set into the surrounding wall. The roundhouse is clad in weather board. The interior is lined with soft board probably a replacement of the original material. The floor is parquet lined. The interior is lit by a series of small windows around the top of the wall.

The roof is supported by a central post to the top of which is attached a bronze? crown to which supports the rafters. The roof is a composite feature consisting of an internal galvanised metal lining fixed to the roof boards that are protected on the exterior by roofing felt. The roof like the internal walls has been relined using softboard. The roof is drained by sheet metal guttering attached to the exterior of the roundhouse.

A red notice by the entrance to the roundhouse reads 'TNT store bldg 494 Limit 15 000 lbs for RDX section' notice screwed to it reads ZZ 2.500.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER	N.G.R.
NAME/FUNCTION		START DATE	END DATE

NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES
------------------------	------------------------

PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
-------------------------	----------------------

RELATIONSHIPS WITH OTHER MONUMENTS

ASSOCIATED WITH: PART OF: CONSISTS OF:
 CUTS: CUT BY: ABUTTS: ABUTTED BY: OVERLIES: UNDERLIES:

CONDITION GOOD: FAIR: POOR: VERY BAD: DESTROYED: ?BURIED:

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
a) BRICK b) CONCRETE c) BRICK AND CONCRETE d)TIMBER e) CAST IRON f) CORRUGATED IRON
- 2) ROOF MATERIALS AND STRUCTURE
a) SLATE b) TILE c) BRICK d) CONCRETE e) TIMBER AND SHEETING f) CORRUGATED IRON
- 3) POWER SOURCE
a) MUSCLE b) WATER c) STEAM d) GAS e) ELECTRICITY f) COMBUSTION ENGINE
- 4) DIMENSIONS i) L ii) W iii) HT iv)DIA
- 5) FREE TEXT

RCHME CROWN COPYRIGHT

