

THE ROYAL GUNPOWDER FACTORY

WALTHAM ABBEY

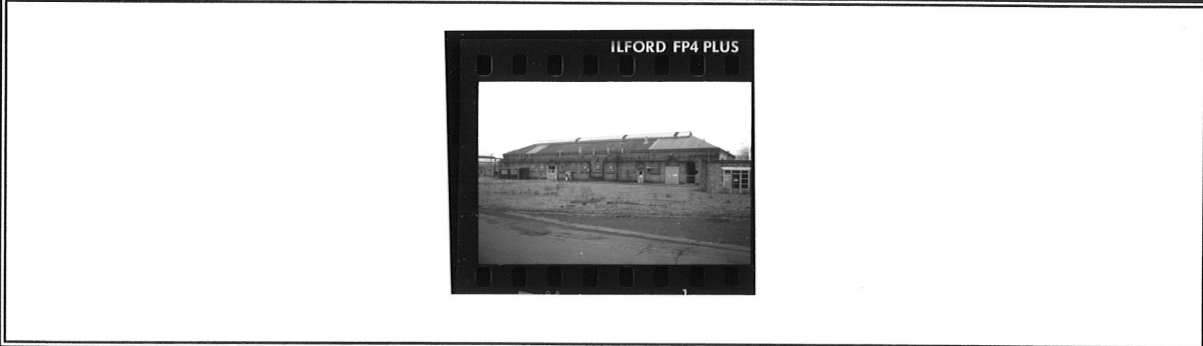
South Site



THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER G418	OLD SERIES 427	RCHME NUMBER	N.G.R.
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NAME/FUNCTION Pulping and moulding room Polymerisation Plant	START DATE 1888	END DATE 14-Nov-1990
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CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES 1) 1908 RGPF Ledger Pulping and moulding room, date 1888
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME 1) 206/G/1 From S
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH:

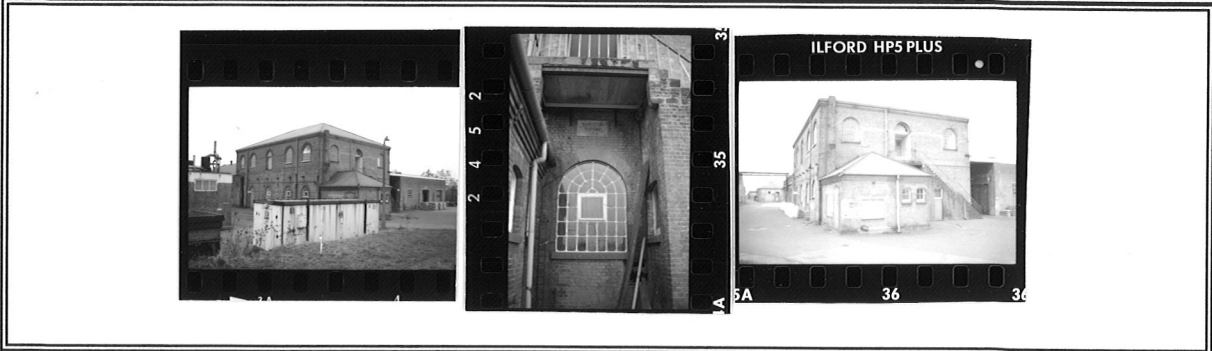
CONDITION Good

Description

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER G431	OLD SERIES 429a-c, 430, 431	RCHME NUMBER	N.G.R.
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NAME/FUNCTION Gun Cotton Factory Central Stores and Stores Office	START DATE 1888-9	END DATE 27-Apr-1990
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CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES 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
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME 1) 206/G/4 From SE 2) 206/M/35 from S 3) 206/M/35 from SW
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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.
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
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
		1) 1908 RGPF Ledger WASC 1509 Washing house, date 1894	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
		1) 206/G/8 Interior from W 206/G/9 Interior from S 206/G/10 Roof exterior from N	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH: 476, 484, 485, 486			
CONDITION	Fair		

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES 484	RCHME NUMBER	N.G.R.
NAME/FUNCTION Junction house/covered way		START DATE 1894	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES 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.
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			
CONDITION	?Buried		
DESCRIPTION			

10-8-93.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES 486	RCHME NUMBER	N.G.R.
NAME/FUNCTION Mixing house/traverses Explosives Store		START DATE 1894	END DATE
Nitroglycerin Store 1891 NO PHOTOGRAPHY AVAILABLE n.b. Full 1894 explosion record!			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES 1) 1908 RGPF Ledger WASC 1509 - Mixing house/traverse, date 1894		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 483, 484			
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.
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		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
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.

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NUMBER

CONTINUATION SHEET



