

# The production of smalt, and other cobalt compounds at the Blaafarveværket, Modum, Norway, in the 18<sup>th</sup> and 19<sup>th</sup> centuries

## Supplementary material: Annex A

### Authors

L.H. Bjornland

Stiftelsen Modums Blaafarveværk, Magnesittbakken 25, 3370 Vikersund, Norway.

[lasser@blaaf.no](mailto:lasser@blaaf.no)

P. Degryse

KU Leuven, Earth and Environmental Sciences, Celestijnenlaan 200E, 3001 Leuven, Belgium,

[Patrick.Degryse@kuleuven.be](mailto:Patrick.Degryse@kuleuven.be)

Faculty of Archaeology, Leiden University, Einsteinweg 2, 2333CC Leiden, The Netherlands

N. Schibille

Institut de recherche sur les archéomatériaux, Centre Ernest-Babelon (IRAMAT-CEB),

UMR5060, CNRS/Université d'Orléans, 45071 Orléans, France,

[nadine.schibille@cnrs-orleans.fr](mailto:nadine.schibille@cnrs-orleans.fr)

K. Eremin

Straus Center for Conservation and Technical Studies, Harvard Art Museums, 32 Quincy Street, Cambridge, MA 02138, USA

[katherine\\_eremin@harvard.edu](mailto:katherine_eremin@harvard.edu)

M. Walton

M+ Museum for Visual Culture, West Kowloon Cultural District, 38 Museum Drive, Kowloon, Hong Kong

[marc.walton@mplus.org.hk](mailto:marc.walton@mplus.org.hk)

B. Gratuze

Institut de recherche sur les archéomatériaux, Centre Ernest-Babelon (IRAMAT-CEB),

UMR5060, CNRS/Université d'Orléans, 45071 Orléans, France,

[bernard.gratuze@cnrs-orleans.fr](mailto:bernard.gratuze@cnrs-orleans.fr)

A.J. Shortland

Cranfield Forensic Institute, Defence Academy of the UK, Cranfield University, Shrivenham, Wilts, SN6 8LA. [a.shortland@cranfield.ac.uk](mailto:a.shortland@cranfield.ac.uk)

82 samples in small glass vials, retained by the BCW Museum, but originally in the collection of the Norwegian University of Science and Technology. The label in each is recorded [...] indicates a note or text missing or untranslatable):

- 1: SFFE glass from 1839
- 2: FEB glass from 1838
- 3: ME glass from 1827
- 4: MEBS glass from 1851
- 5: OEST glass from 1848
- 6: RC III
- 7: FFC
- 8: FC
- 9: OES from ? Blaafarveværket 1852
- 10: MEBSG from ? Blaafarveværket 20th of May 1852 576 [...]
- 11: PKO new normal pattern from 15th of January 1849
- 12: Not labelled
- 13: ROO glass from 1854
- 14: R I glass from 1834
- 15: R III glass from 1832
- 16: FFF glass from 1851
- 17: MEBS - glass from 1834
- 18: FFFF C
- 19: SFFF E
- 20: REOSg
- 21: FEB
- 22: OESg 1853
- 23: EE
- 24: OES
- 25: Modum Blaafarveværk RO + glass from 1855
- 26: FFF - glass
- 27: FFFF testglass
- 28: Modum Blaafarveværk glass MEB 1842
- 29: 5FC 2
- 30: FFFF C
- 31: FFF C
- 32: FFF C
- 33: FEC
- 34: SFC 1
- 35: FC
- 36: FCB
- 37: Nr 141
- 38: Nr 121
- 39: Nr 111
- 40: FCB
- 41: MC
- 42: Modum Blaafarveværk MC
- 43: MCB

- 44: MCB  
 45: OC  
 46: EFFF  
 47: FFFF E 5 [“5” might be “S”]  
 48: S FFF E  
 49: s FFF E Schwartzenfels [best transliteration possible]  
 50: Nordic FFFF  
 51: RE III S g  
 52: Nr 131  
 53: MSB [...] 30/3 1854  
 54: Writers sand from 1811  
 55: FFE  
 56: FE  
 57: R E 3 S g  
 58: FFFE Schwartzenfels [best transliteration possible]  
 59: RE III  
 60: MES original pattern v. Cöln 25th April 55  
 61: OE  
 62: MEB  
 63: ME  
 64: MEB  
 65: ME  
 66: FEB  
 67: PO normal pattern  
 68: 600 pund FKO 19th November 56 70.0 Co 4,7 ni  
 69: [Just labelled with a question mark]  
 70: ME2  
 71: FFESg1  
 72: FESg2  
 73: OEg2  
 74: OE II  
 75: OE 3  
 76: HPB  
 77: MEBSt  
 78: AKOSt normal pattern from 15th January 1849  
 79: FKO normal pattern 15th [possibly May or June] 1849  
 80: RKO new normal pattern 15/1 1849  
 81: SFSE Schwarzenfels  
 82: November 1782 “authentic” [probably] MC

There are also two samples of nickel labelled “Geröstet Ni-speise” and “Nickle powder – Nickle sample v. Klefva”.