

HARMONY GOLD MINING CO LTD

Form 6-K

January 26, 2010

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO
RULE 13a-16 OR 15d-16 UNDER THE SECURITIES
EXCHANGE ACT OF 1934

For 26 January 2010

**Harmony Gold Mining Company
Limited**

Randfontein Office Park

Corner Main Reef Road and Ward Avenue

Randfontein, 1759

South Africa

(Address of principal executive offices)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F Form 40-F

(Indicate by check mark whether the registrant by
furnishing the information contained in this form
is also thereby furnishing the information to the
Commission pursuant to Rule 12g3-2(b) under the
Securities Exchange Act of 1934.)

Yes No

Harmony Gold Mining Company Limited
Registration number 1950/038232/06
Incorporated in the Republic of South Africa
ISIN: ZAE000015228
JSE share code: HAR
("Harmony" or "the company")

Harmony Presentation

Harmony Gold Mining Company Limited will be hosting analysts, fund managers and financial media today.

The presentation will be available on the company's website at www.harmony.co.za from 08:00 am SA time on Tuesday, 26 January 2010.

The presentation provides a high level overview of the gold production for the quarter ended 31 December 2009.

For more details contact:

Marian van der Walt
Executive: Corporate and Investor Relations
on +27(0)82 888 1242

or

Esha Brijmohan
Investor Relations Officer
on +27(0)82 759 1775

26 January 2010

Sponsor: J.P. Morgan Equities Limited

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Dated: January 26, 2010

Harmony Gold Mining Company Limited

By:

/s/

Hannes Meyer

Name:

Hannes Meyer

Title: Financial Director