Neenah Paper Inc Form SC 13G January 23, 2007

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Schedule 13G

Under the Securities Exchange Act of 1934
(New)

NEENAH PAPER INC
(Name of Issuer)

Common Stock
(Title of Class of Securities)

640079109
(CUSIP Number)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

(Date of Event Which Requires Filing of this Statement)

[X] Rule 13d-1(b)

December 31, 2006

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 640079109

(1) Names of Reporting Persons.

I.R.S. Identification Nos. of above persons (entities only).

BARCLAYS GLOBAL INVESTORS, NA., 943112180

- (2) Check the appropriate box if a member of a $Group^*$
- (a) / /
- (b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization U.S.A.

	(5) Sole Voting Power 281,956
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power 348,502
	(8) Shared Dispositive Power
(9) Aggregate Amount Beneficially Owned by 348,502	Each Reporting Person
(10) Check Box if the Aggregate Amount in I	Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 2.36%	in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 640079109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	e persons (entities only).
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS	
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member of (a) / /	
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member of (a) // (b) /X/	
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member of (a) / / (b) /X/ (3) SEC Use Only	
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member of (a) / / (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization U.S.A. Number of Shares Beneficially Owned	
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member of (a) // (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization	of a Group* (5) Sole Voting Power
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member of (a) / / (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization	(5) Sole Voting Power
I.R.S. Identification Nos. of above BARCLAYS GLOBAL FUND ADVISORS (2) Check the appropriate box if a member of (a) / / (b) /X/ (3) SEC Use Only (4) Citizenship or Place of Organization U.S.A. Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power 455,928 (6) Shared Voting Power (7) Sole Dispositive Power

(11) Percent of Class Represented by Amount 3.08%	Ln Row (9)
(12) Type of Reporting Person* IA	
CUSIP No. 640079109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above p	persons (entities only).
BARCLAYS GLOBAL INVESTORS, LTD	
(2) Check the appropriate box if a member of (a) $\ /\ /$ (b) $\ /X/$	a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned	(5) Sole Voting Power 9,452
by Each Reporting Person With	(6) Shared Voting Power
	(7) Sole Dispositive Power 9,452
	(8) Shared Dispositive Power
(9) Aggregate 9,452	
(10) Check Box if the Aggregate Amount in Rov	v (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 3	n Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 640079109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above p	persons (entities only).

BARCLAYS GLOBAL INVESTORS JAPAN	TRUST AND BANKING COMPANY LIMITED
(2) Check the appropriate box if a member (a) // (b) /X/	er of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization Japan	1
Number of Shares Beneficially Owned by Each Reporting Person With	(5) Sole Voting Power
	(6) Shared Voting Power
	(7) Sole Dispositive Power
	(8) Shared Dispositive Power –
(9) Aggregate	
(10) Check Box if the Aggregate Amount i	n Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amo	ount in Row (9)
(12) Type of Reporting Person*	
CUSIP No. 640079109	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of ab	oove persons (entities only).
BARCLAYS GLOBAL INVESTORS JAPAN	LIMITED
<pre>(2) Check the appropriate box if a membe (a) / / (b) /X/</pre>	er of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization Japan	1
Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power
Person With	(6) Shared Voting Power

		(7) Sole Dispositive Power
		(8) Shared Dispositive Power
9) Aggregate		
10) Check Box	κ if the Aggregate Amount in Row (9	P) Excludes Certain Shares*
(11) Percent c	of Class Represented by Amount in F	Row (9)
(12) Type of F	Reporting Person*	
TTEM 1(A).	NAME OF ISSUER NEENAH PAPER INC	
TEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EX 3460 PRESTON RIDGE ROAD ALPHARETTA GA 30005	KECUTIVE OFFICES
TTEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTOR	RS, NA
TEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OF 45 Fremont Street San Francisco, C	
TTEM 2(C).	CITIZENSHIP U.S.A	
TEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock	
TTEM 2(E).	CUSIP NUMBER 640079109	
(a) // Broker	IF THIS STATEMENT IS FILED PURSU CHECK WHETHER THE PERSON FILING IS r or Dealer registered under Sections.S.C. 780).	A
(b) /X/ Bank a (c) // Insura	as defined in section 3(a) (6) of tance Company as defined in section .S.C. 78c).	
(d) // Invest	tment Company registered under sect	tion 8 of the Investment
(e) // Invest	ny Act of 1940 (15 U.S.C. 80a-8). Ement Adviser in accordance with se yee Benefit Plan or endowment fund	
240.13	3d-1(b)(1)(ii)(F). Holding Company or control persor	
240.13	3d-1(b)(1)(ii)(G).	
(n) // A savi	ings association as defined in sect	נוסח א(ב) of the Federal Depo

Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER ITEM 1(A). NEENAH PAPER INC ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES ITEM 1(B). 3460 PRESTON RIDGE ROAD ALPHARETTA GA 30005 ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS GLOBAL FUND ADVISORS ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105 ITEM 2(C). CITIZENSHIP U.S.A TITLE OF CLASS OF SECURITIES Common Stock ______ ITEM 2(E). CUSIP NUMBER 640079109 ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 78o). (b) // Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c). (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8). (e) /X/ Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F). (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G). (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). (i) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER NEENAH PAPER INC ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES TTEM 1(B). 3460 PRESTON RIDGE ROAD ALPHARETTA GA 30005 ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS, LTD

ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Murray House 1 Royal Mint Court LONDON, EC3N 4HH
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock
ITEM 2(E).	CUSIP NUMBER 640079109
(a) // Broker (15 U.S) (b) /X/ Bank as (c) // Insuran (15 U.S) (d) // Investm Company (e) // Investm (f) // Employe 240.13d (g) // Parent 240.13d (h) // A savin Insuran (i) // A church company (15U.S.	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), EECK WHETHER THE PERSON FILING IS A or Dealer registered under Section 15 of the Act (5.C. 78o). Idefined in section 3(a) (6) of the Act (15 U.S.C. 78c). Idea Company as defined in section 3(a) (19) of the Act (5.C. 78c). Idea Company registered under section 8 of the Investment (7.C. 78c). Idea Company registered under section 8 of the Investment (7.C. 78c). Idea Company registered under section 240.13d(b)(1)(ii)(E). Idea Company registered under section 240.13d(b)(1)(ii)(E). Idea Company of the Section 240.13d(b)(1)(ii)(E). Idea Company or control person in accordance with section (8-1(b)(1)(ii)(G). Idea Company or control person in accordance with section (8-1(b)(1)(ii)(G). Idea Company or control person 3(b) of the Federal Deposition (9-1)(b)(1)(ii)(G). Idea Company Company or the definition of an investment of under section 3(c)(14) of the Investment Company Act of 1940 (7. 80a-3). In accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 1(A).	NAME OF ISSUER NEENAH PAPER INC
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 3460 PRESTON RIDGE ROAD ALPHARETTA GA 30005
	NAME OF PERSON(S) FILING 'S GLOBAL INVESTORS JAPAN TRUST AND BANKING COMPANY LIMITED
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Ebisu Prime Square Tower 8th Floor 1-1-39 Hiroo Shibuya-Ku Tokyo 150-0012 Japan
ITEM 2(C).	CITIZENSHIP Japan
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock
ITEM 2(E).	CUSIP NUMBER 640079109
	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), ECK WHETHER THE PERSON FILING IS A or Dealer registered under Section 15 of the Act

(15 U.S.C. 78o).

- (b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
- (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
- (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1 (b) (1) (ii) (F).
- (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
- (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3).
- (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

ITEM 1(A). NAME OF ISSUER NEENAH PAPER INC

ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 3460 PRESTON RIDGE ROAD ALPHARETTA GA 30005

ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS JAPAN LIMITED

ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE

Ebisu Prime Square Tower 8th Floor

1-1-39 Hiroo Shibuya-Ku

1-1-39 Hiroo Shibuya-Ku Tokyo 150-8402 Japan

ITEM 2(C). CITIZENSHIP Japan

ITEM 2(D). TITLE OF CLASS OF SECURITIES

Common Stock

ITEM 2(E). CUSIP NUMBER 640079109

- ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A
- (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 78o).
- (b) // Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c).
- (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
- (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) /X/ Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E).
- (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
- (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
- (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3).
- (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount Beneficially Owned:

813,882

(b) Percent of Class:

5.50%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote 747,336

shared power to vote or to direct the vote

(iii) sole power to dispose or to direct the disposition of 813,882

(iv) shared power to dispose or to direct the disposition of

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. //

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON The shares reported are held by the company in trust accounts for the economic benefit of the beneficiaries of those accounts. See also Items 2(a) above.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

Not applicable

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP Not applicable

ITEM 9. NOTICE OF DISSOLUTION OF GROUP Not applicable

ITEM 10. CERTIFICATION

> (a) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(b):

> > By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

(b) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(c):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

 January 31, 2007
Date
 Signature
Robert J. Kamai Principal
 Name/Title